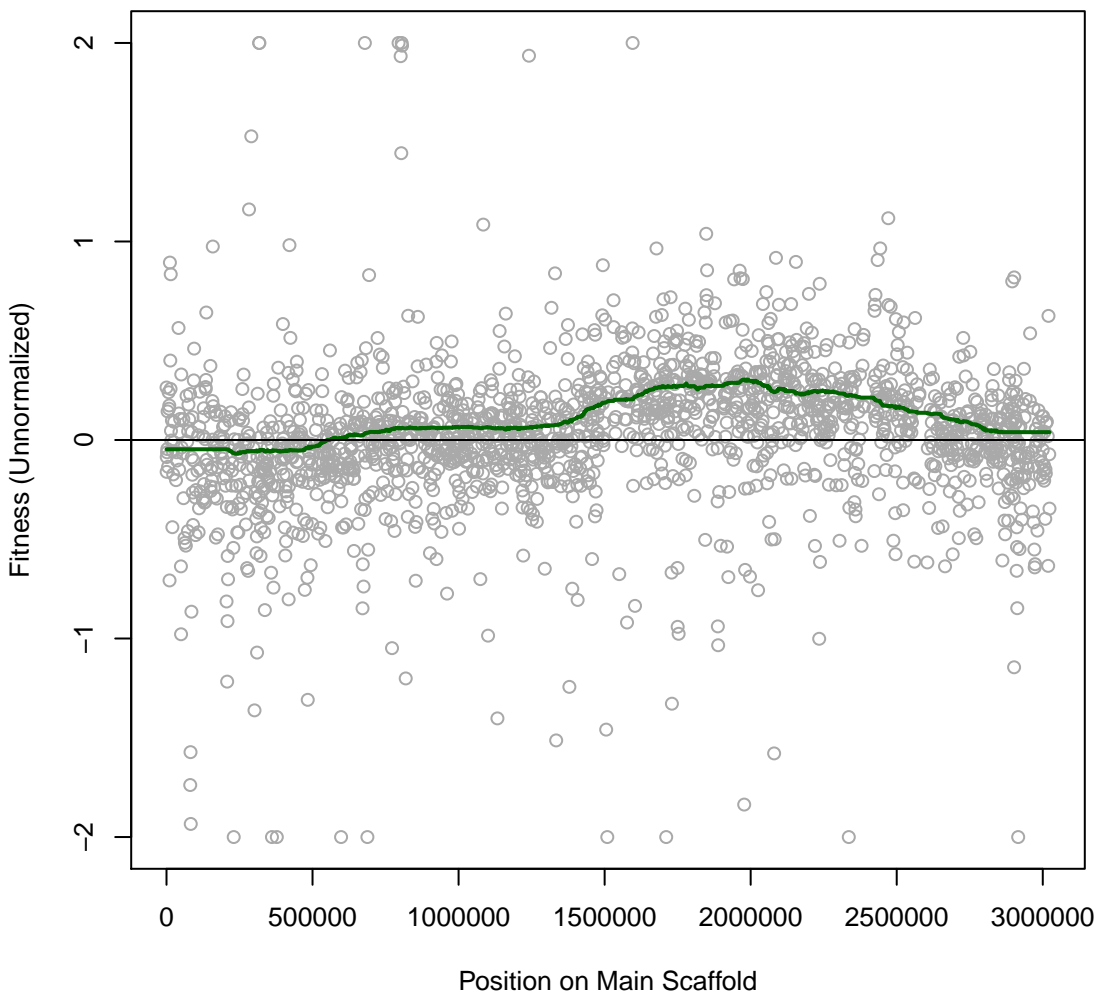
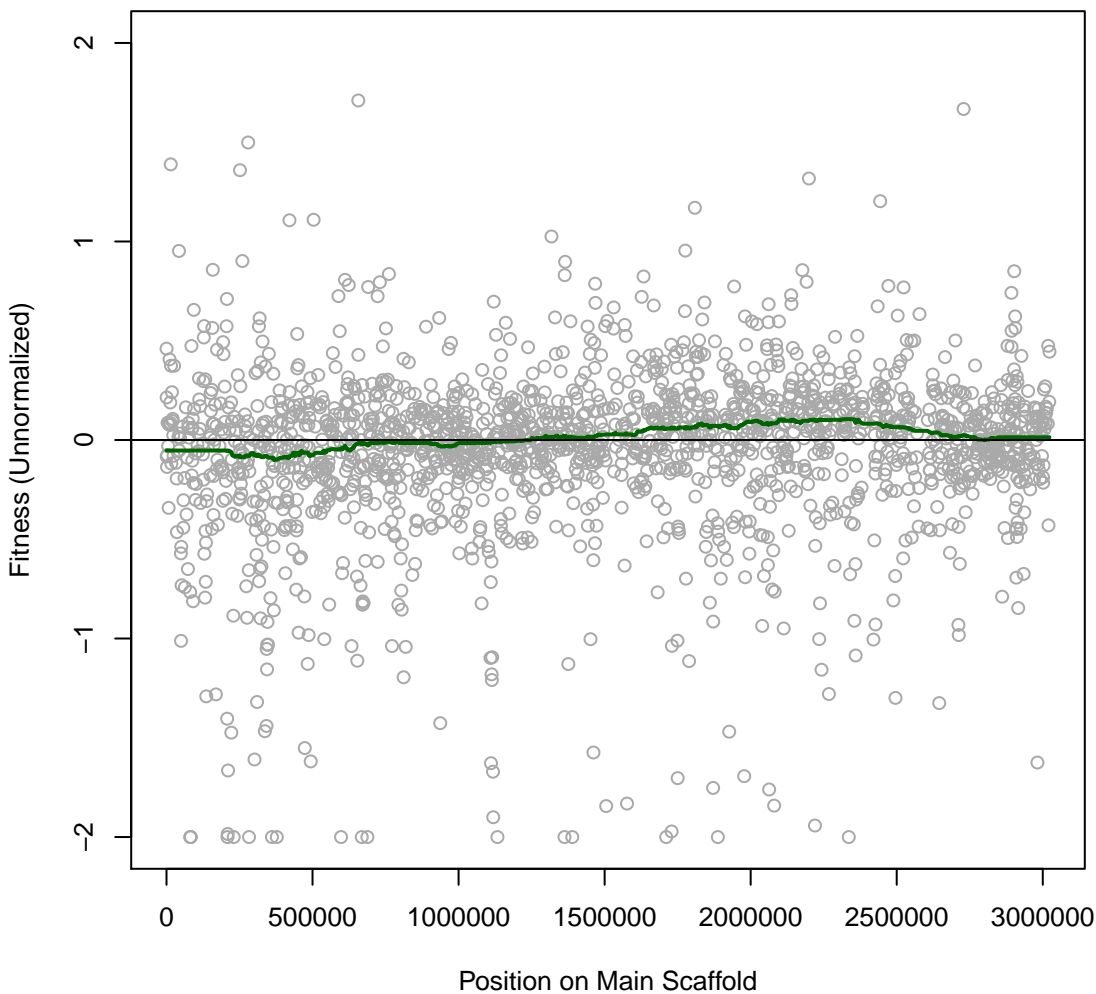


azobra 1IT049 #1 (gMed=493 rho12=0.158)

Nickel (II) chloride 0.5 mM

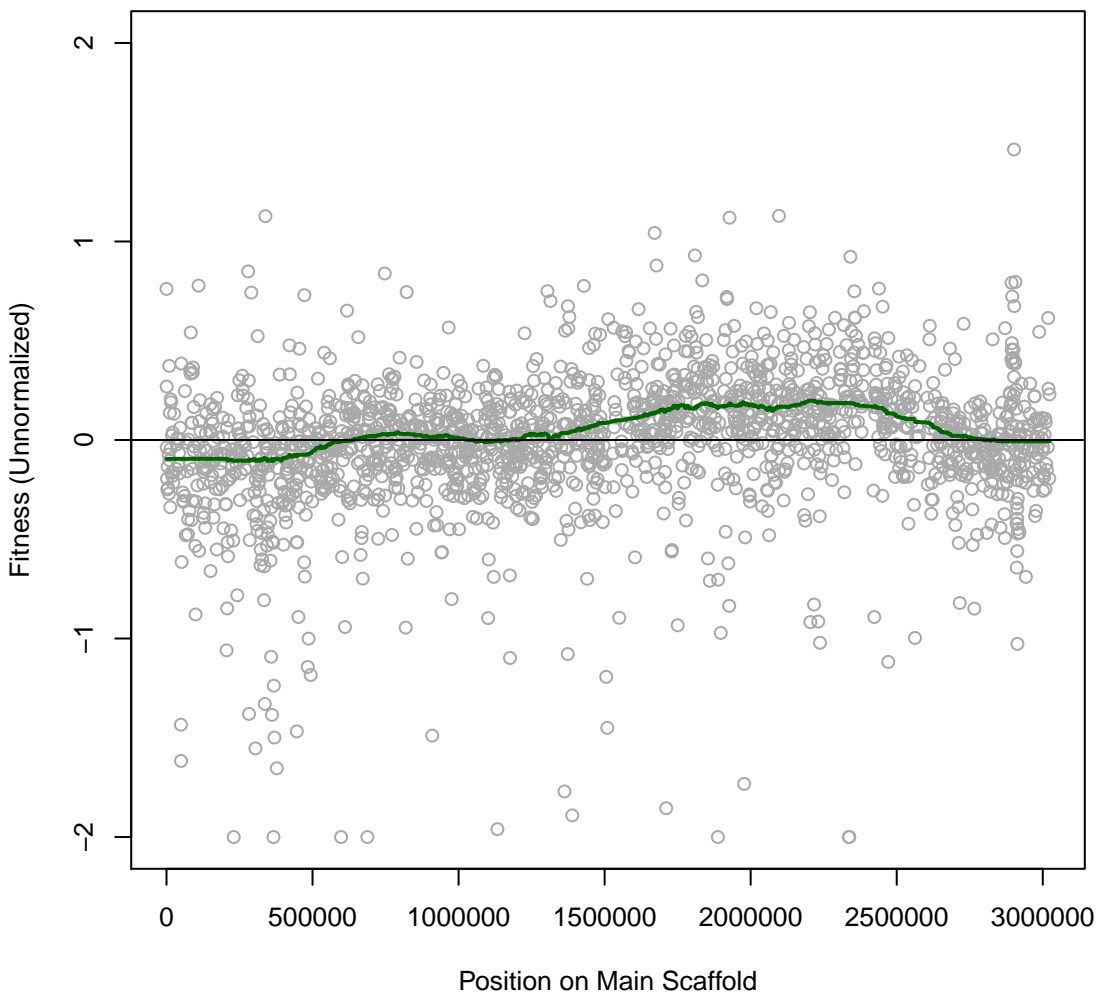


azobra 1IT050 #2 (gMed=447 rho12=0.216)
copper (II) chloride 2 mM

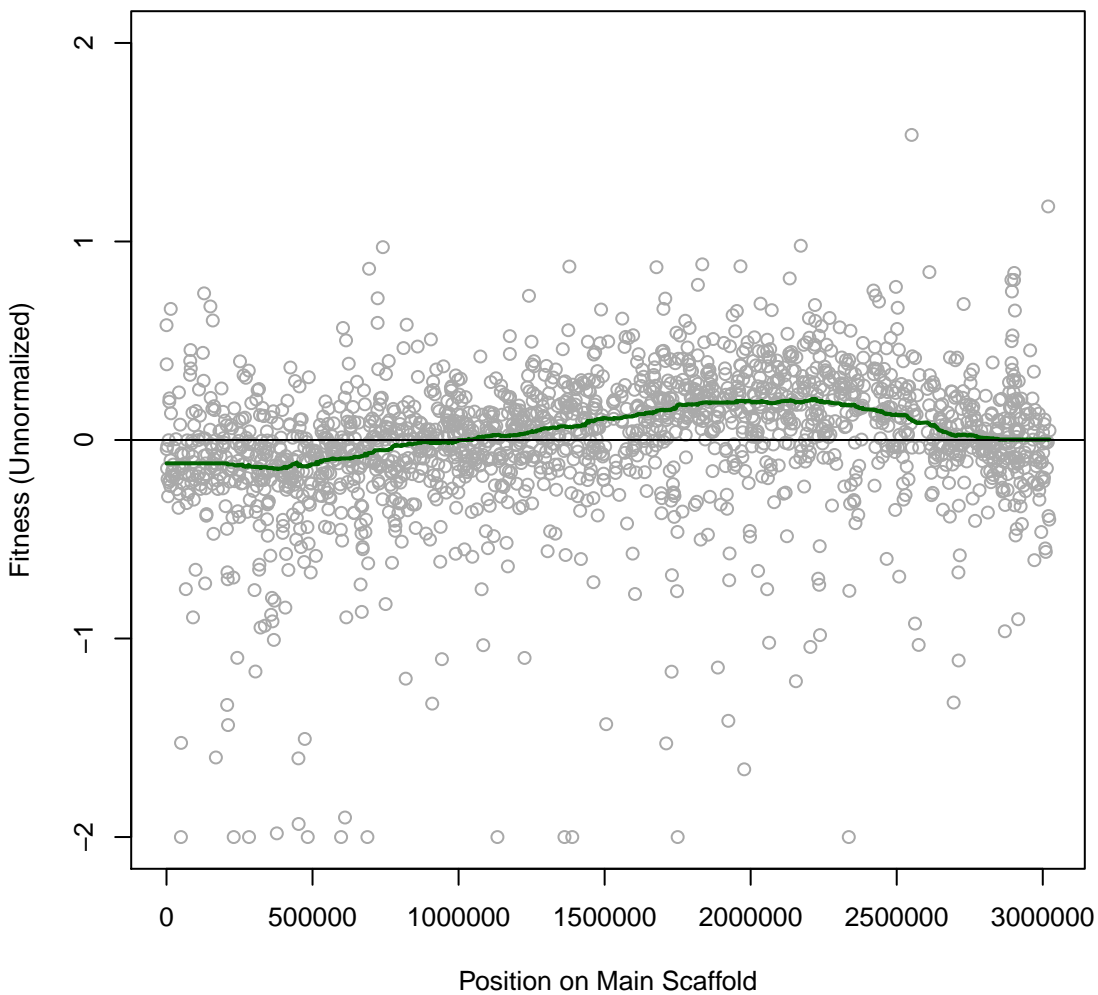


azobra 1IT051 #3 (gMed=466 rho12=0.135)

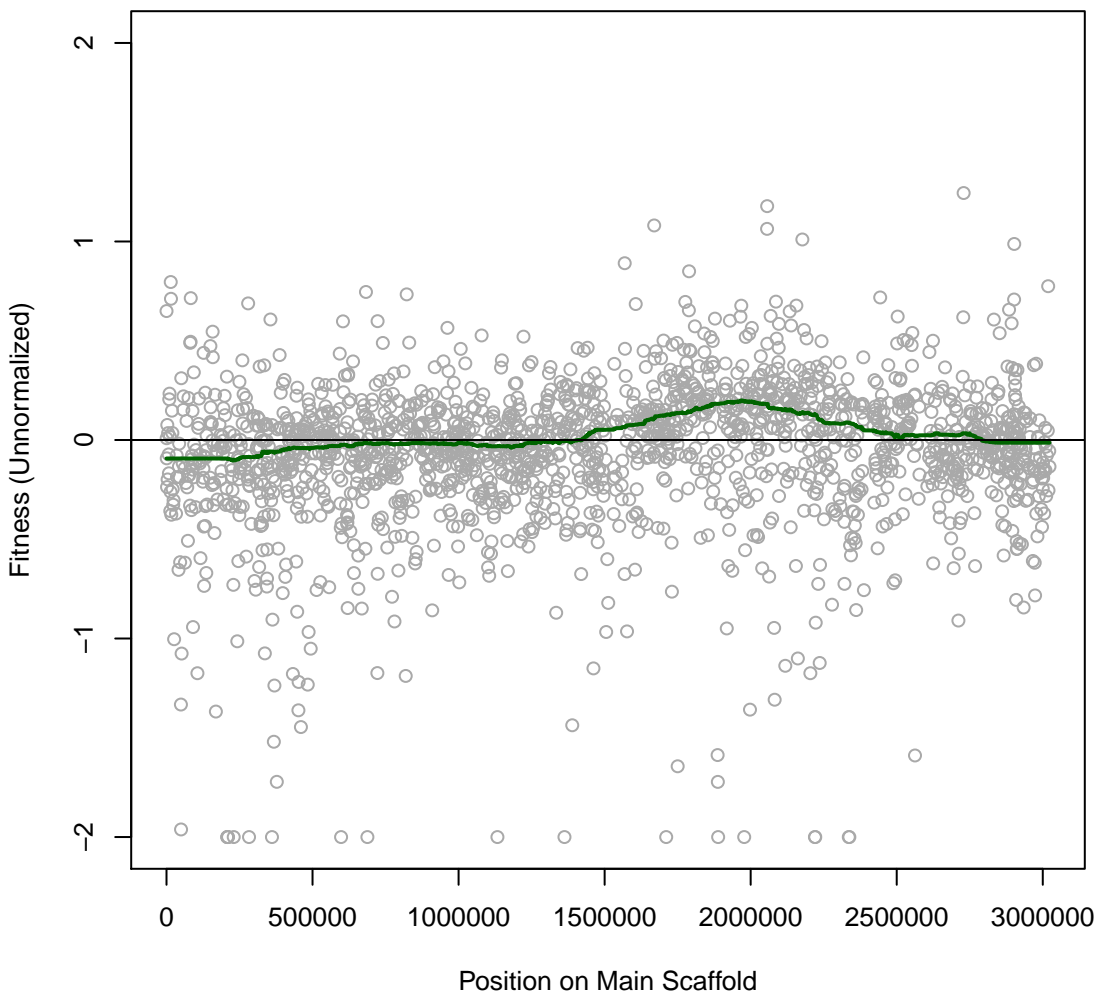
Thallium(I) acetate 0.008 mg/ml



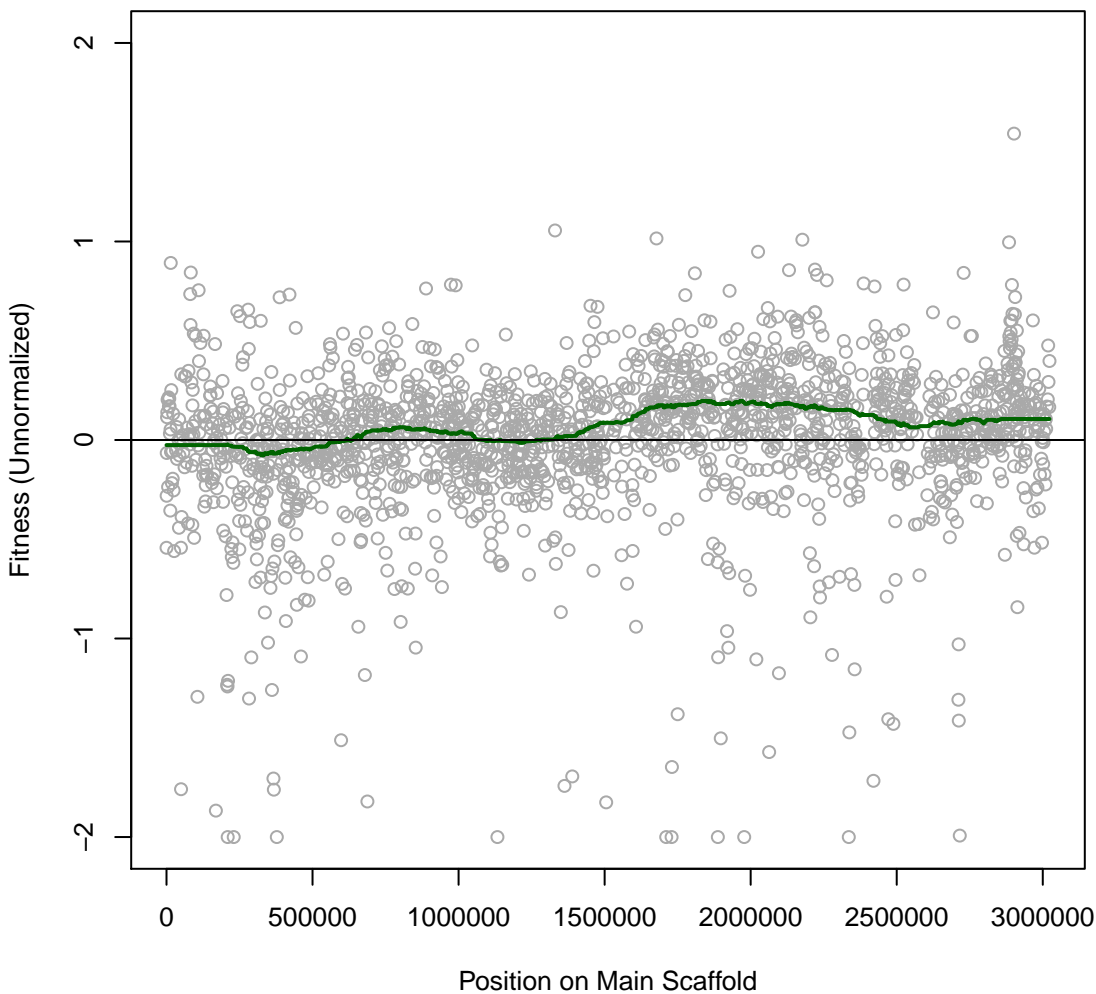
azobra 1IT052 #4 (gMed=417 rho12=0.113)
LB



azobra 1IT053 #5 (gMed=412 rho12=0.167)
nitrite 10 mM

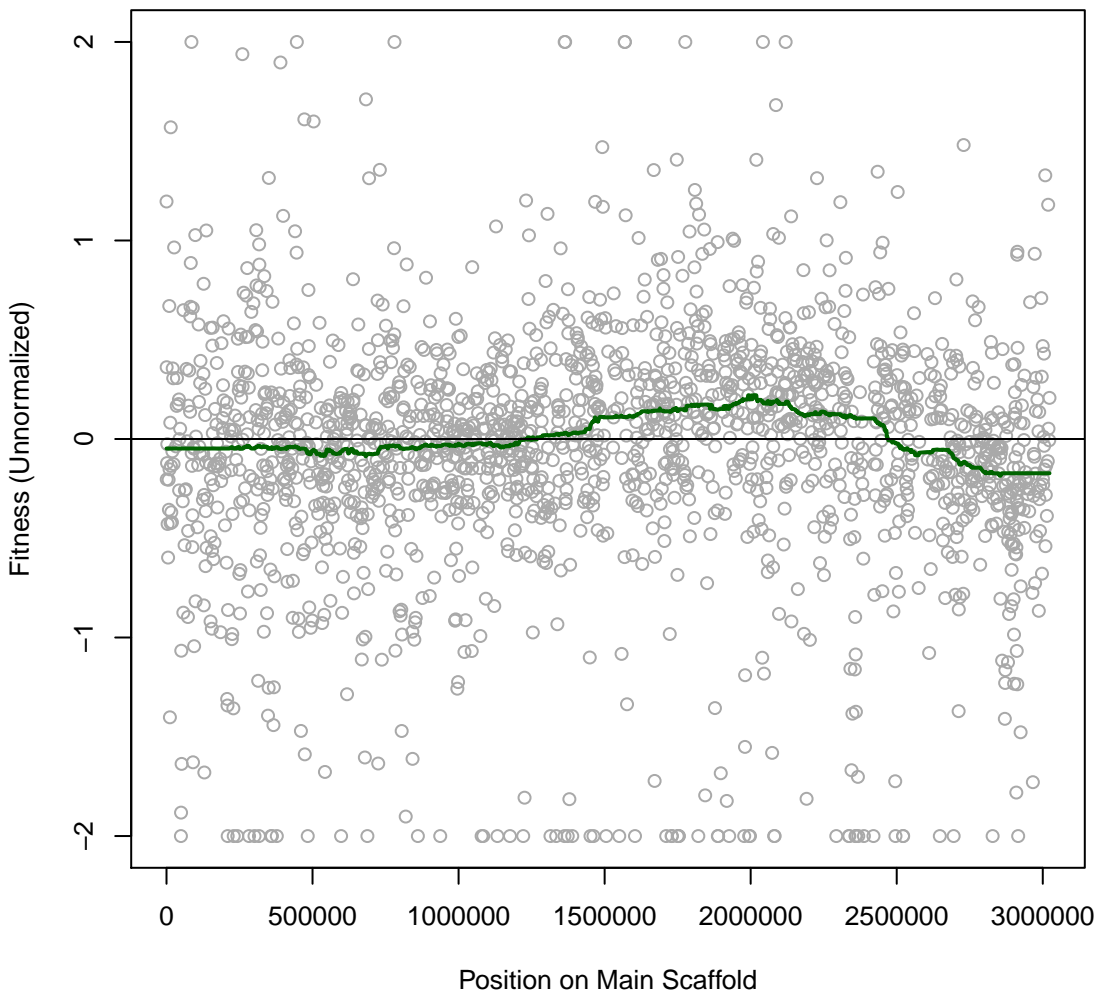


azobra 1IT054 #6 (gMed=508 rho12=0.194)
nitrate 100 mM



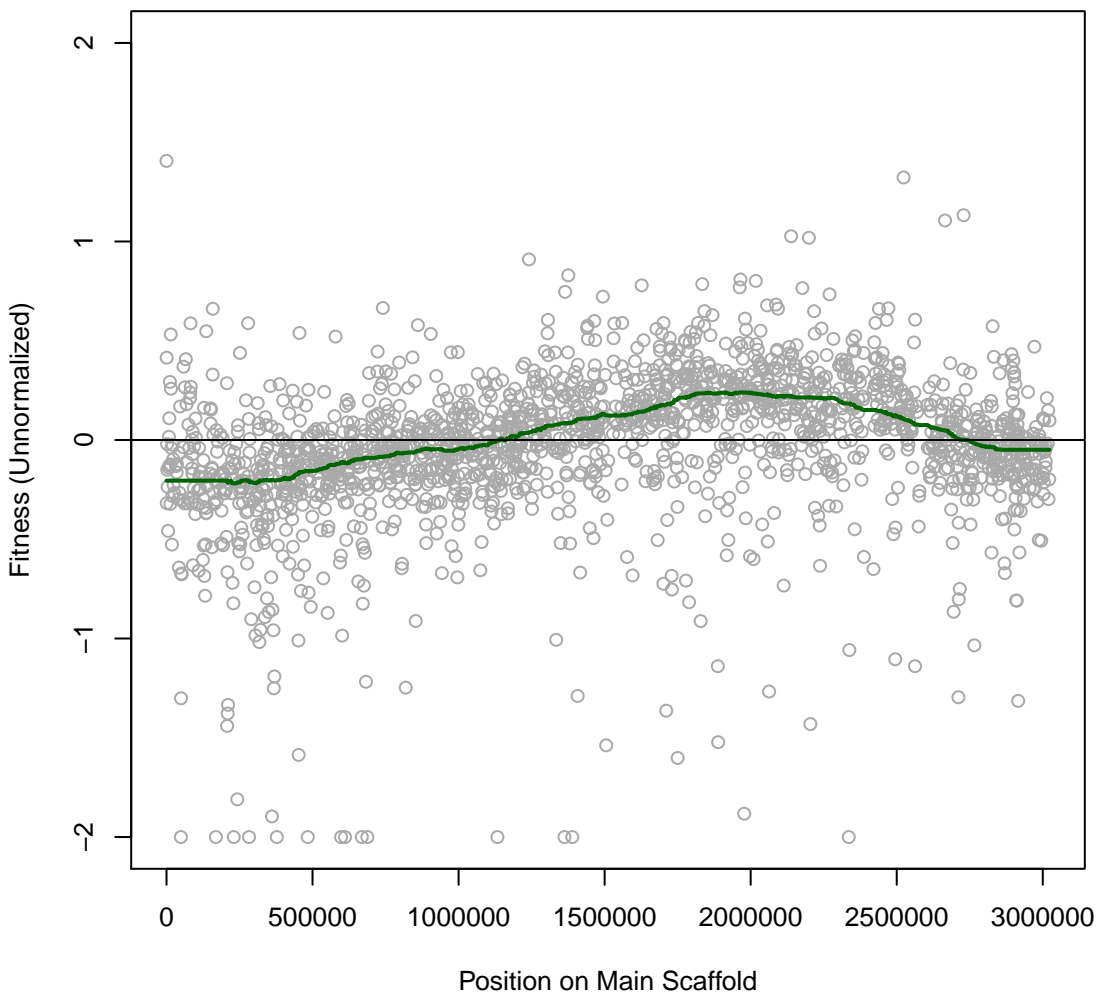
azobra 1IT055 #7 (gMed=469 rho12=0.146)

Benzethonium chloride 0.003 mM



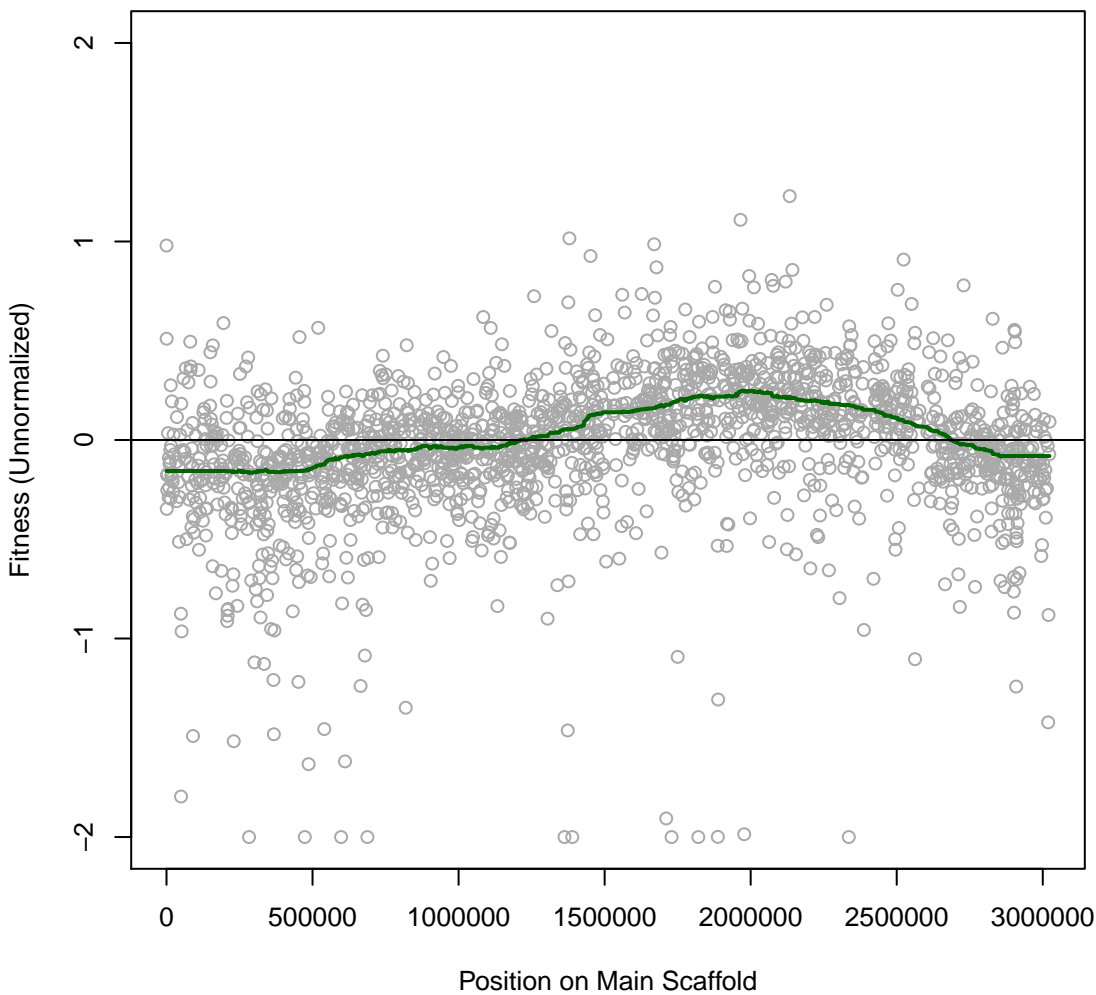
azobra 1IT056 #8 (gMed=485 rho12=0.148)

Aluminum chloride 5 mM



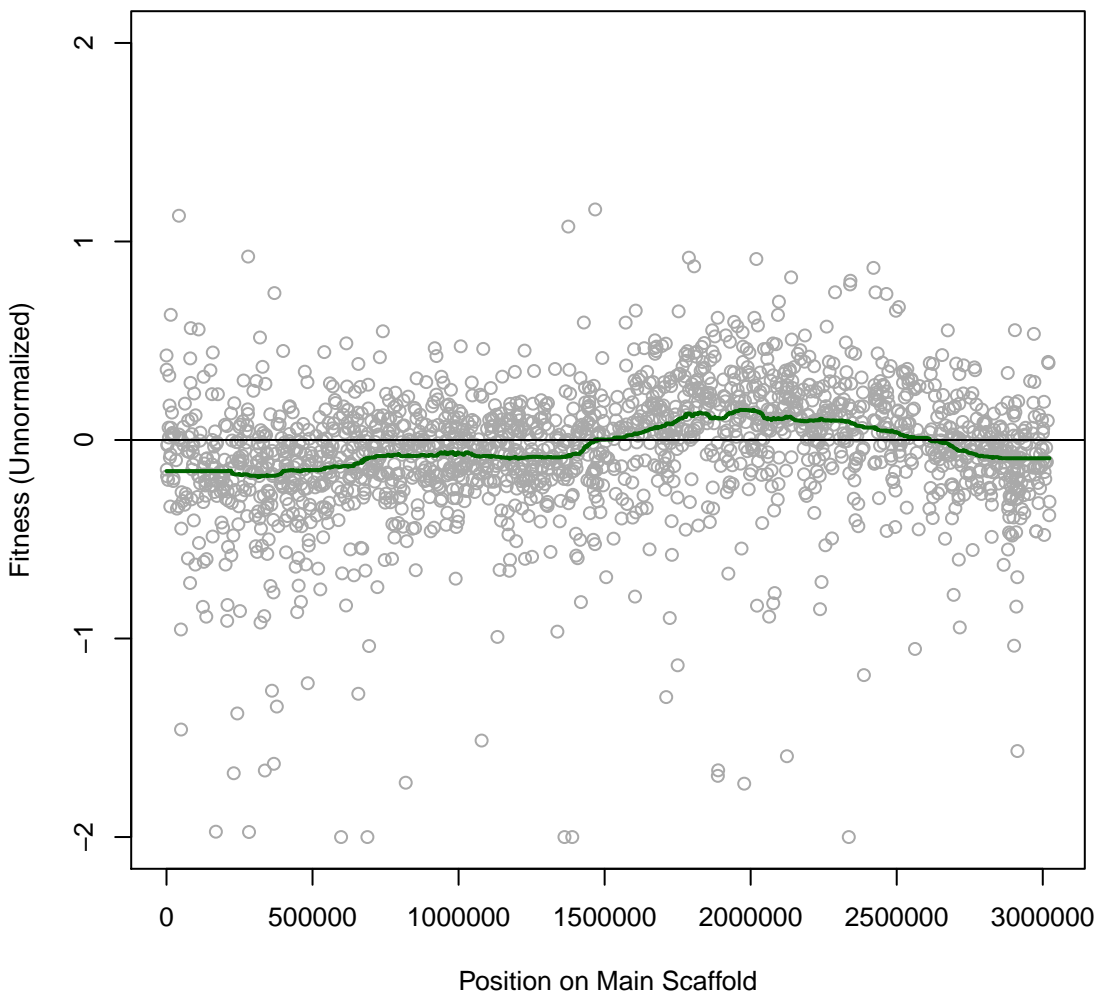
azobra 1IT057 #9 (gMed=410 rho12=0.138)

benzoic 0.145 mg/ml



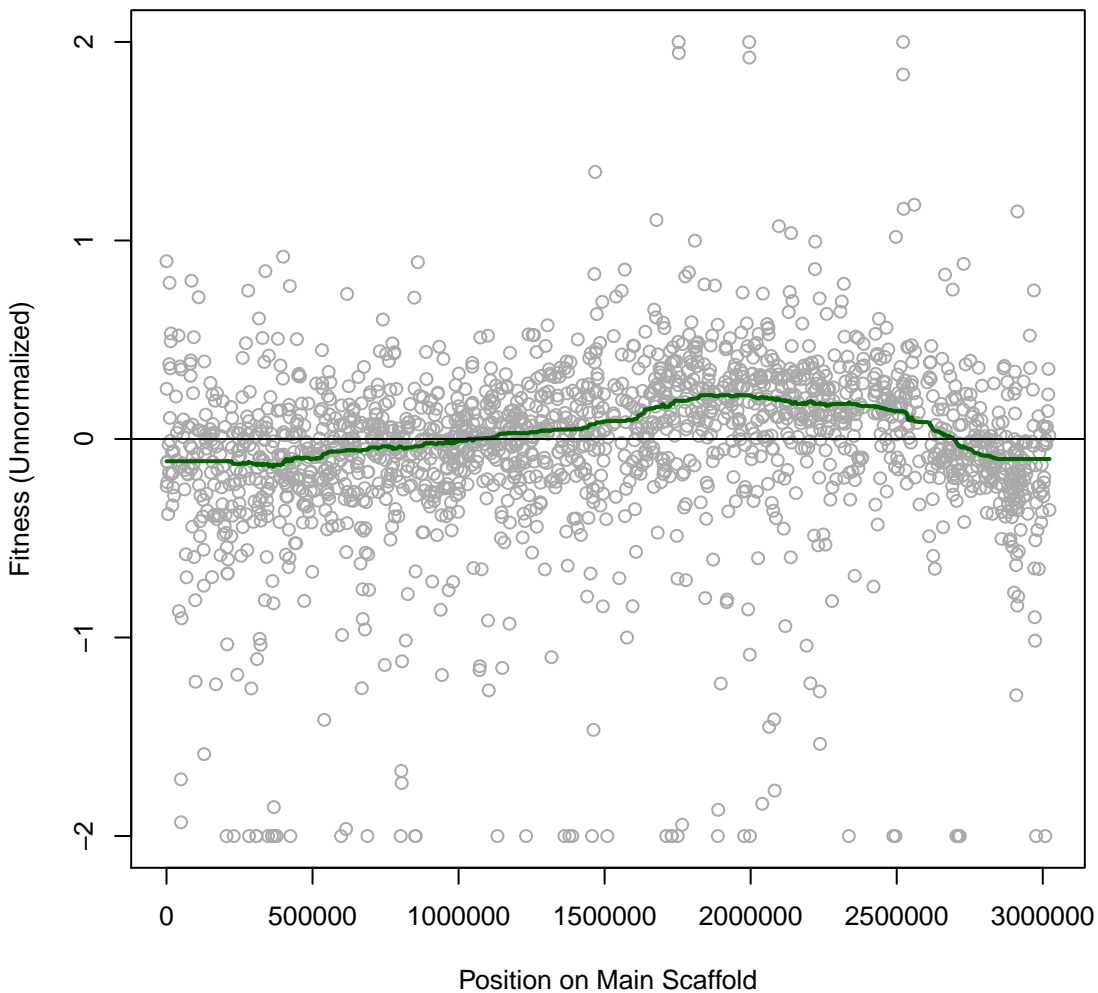
azobra 1IT058 #10 (gMed=457 rho12=0.138)

benzoic 0.29 mg/ml



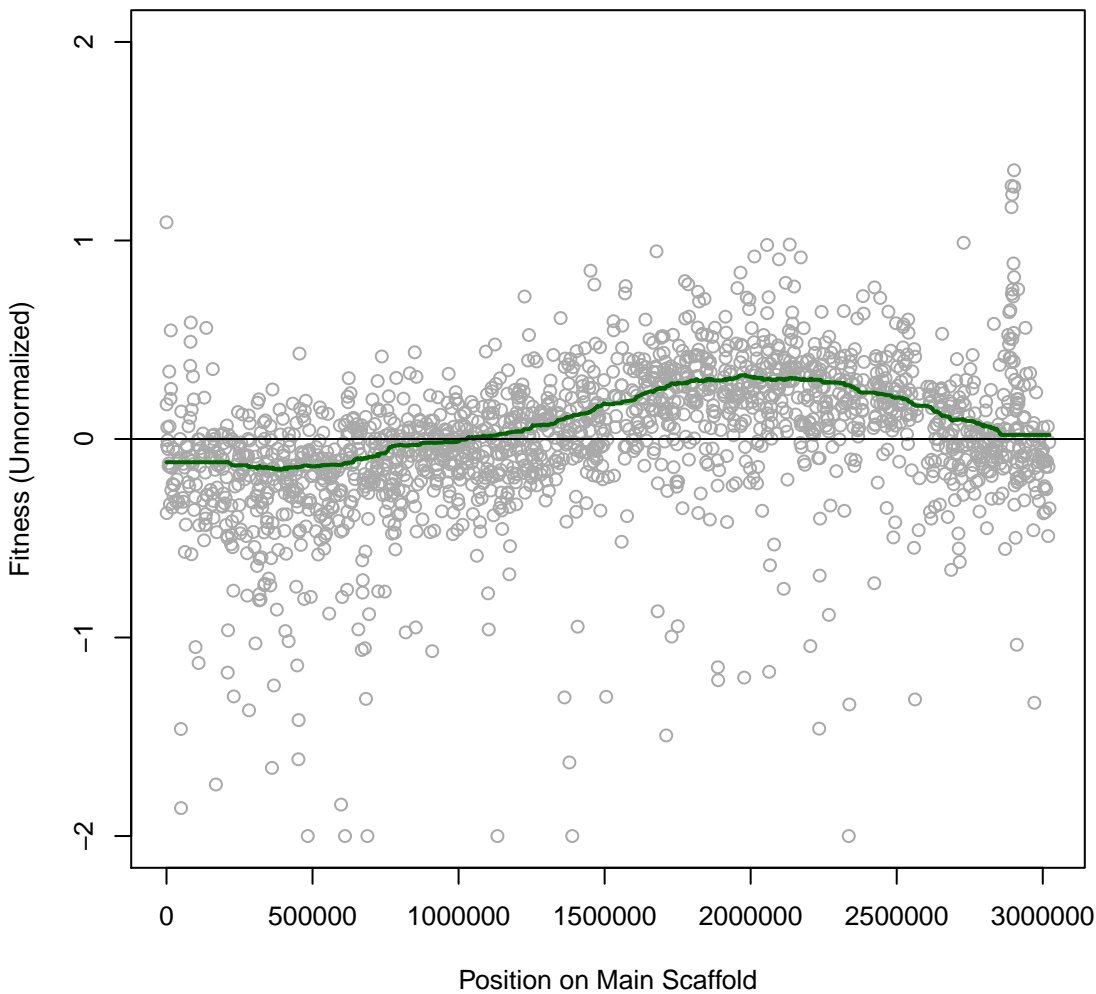
azobra 1IT059 #11 (gMed=432 rho12=0.186)

Bacitracin 0.25 mg/ml



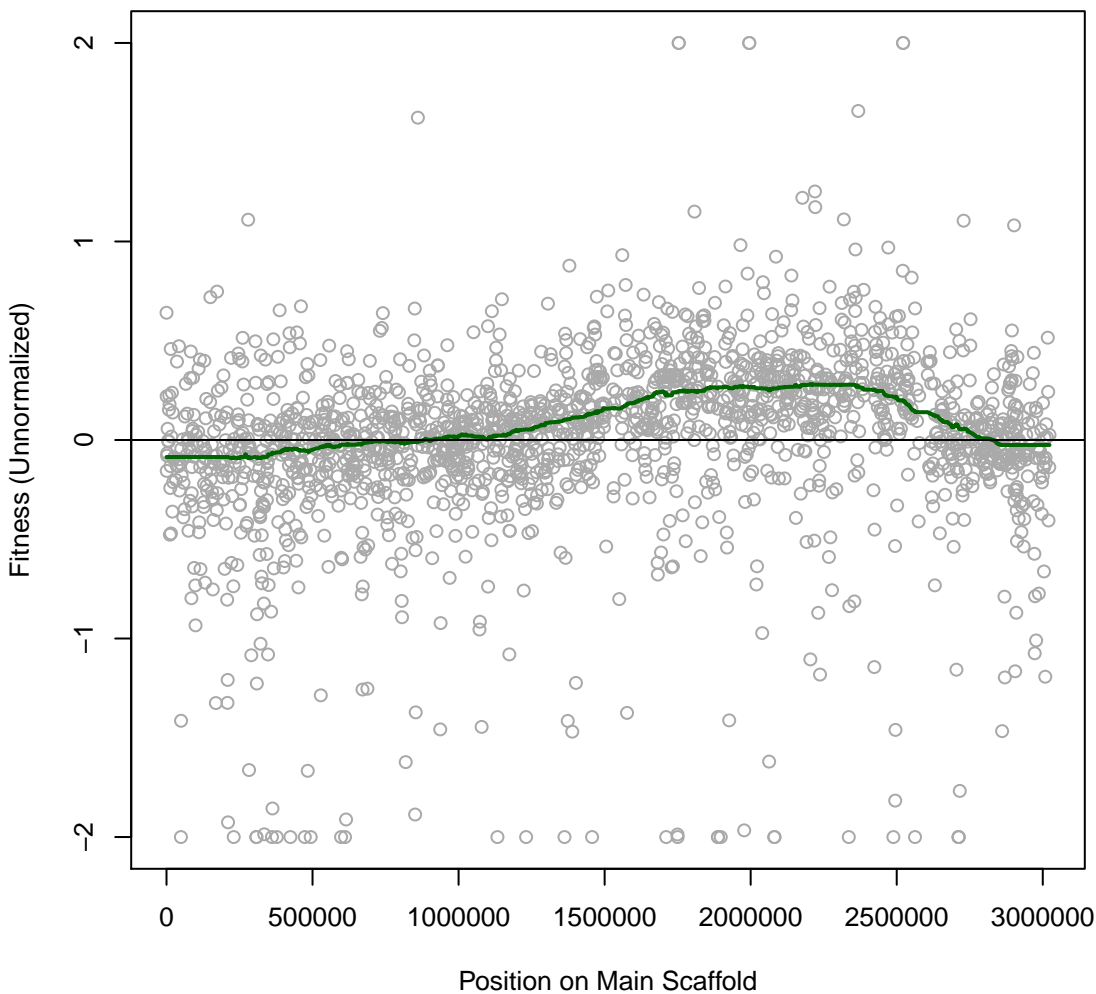
azobra 1IT060 #12 (gMed=376 rho12=0.155)

LB



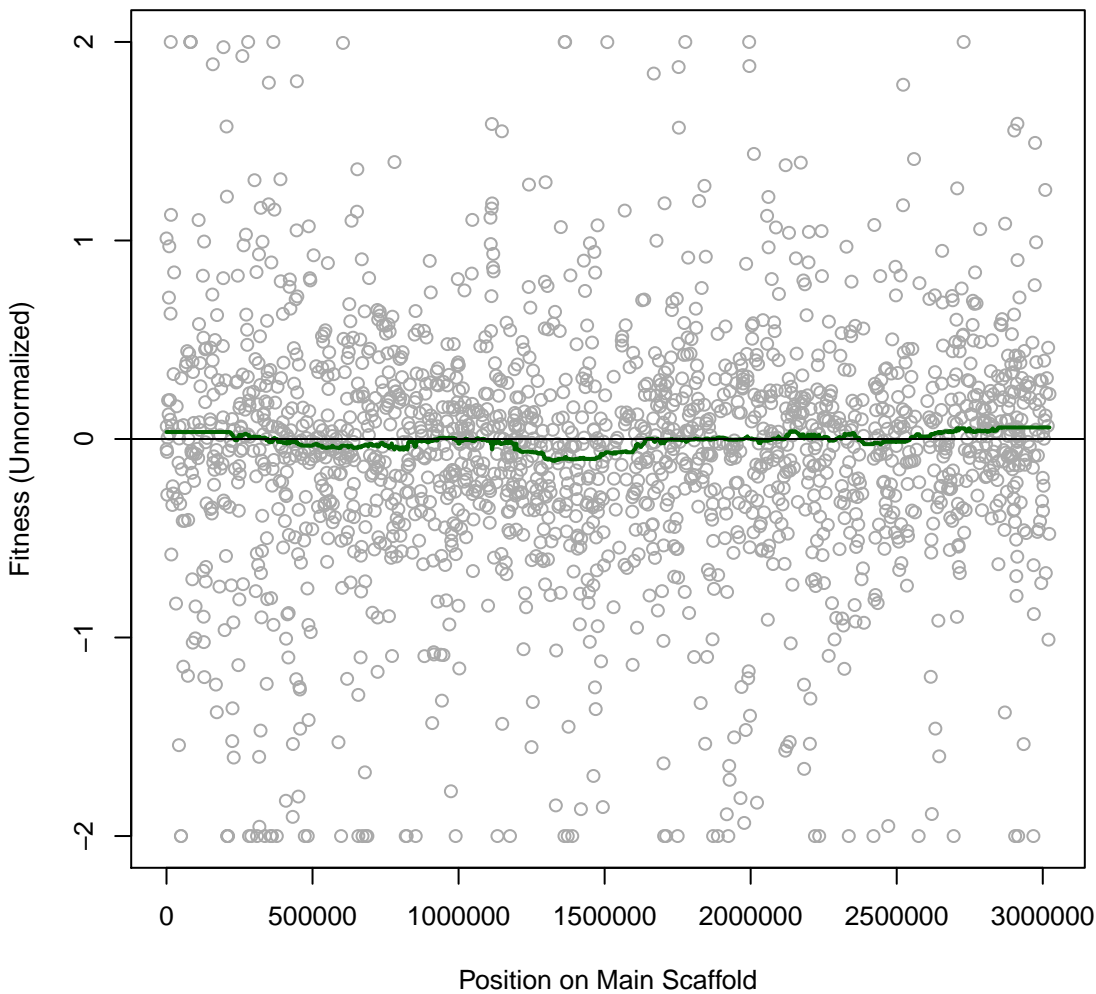
azobra 1IT061 #13 (gMed=470 rho12=0.206)

Vancomycin 0.03 mg/ml



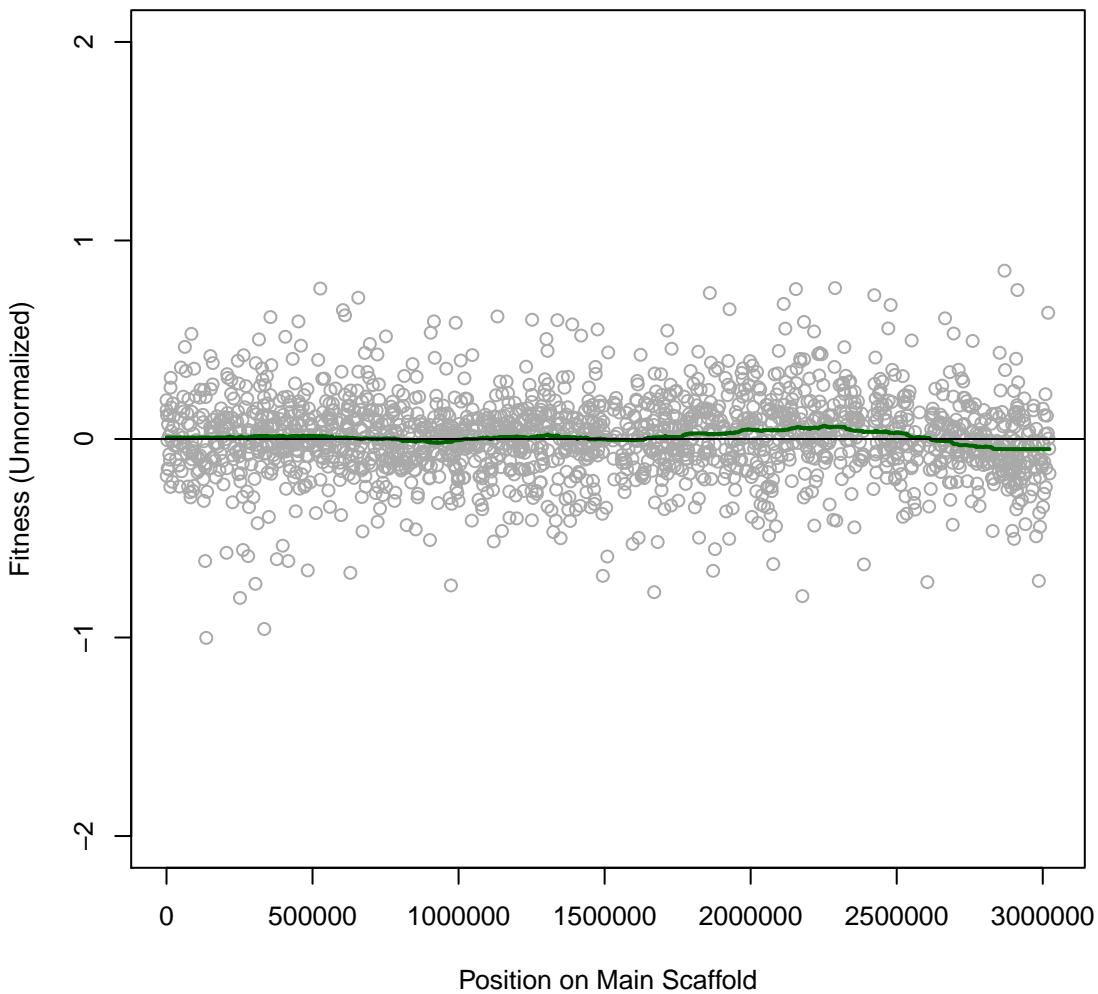
azobra 1IT062 #14 (gMed=546 rho12=0.151)

D-Cycloserine 0.125 mg/ml



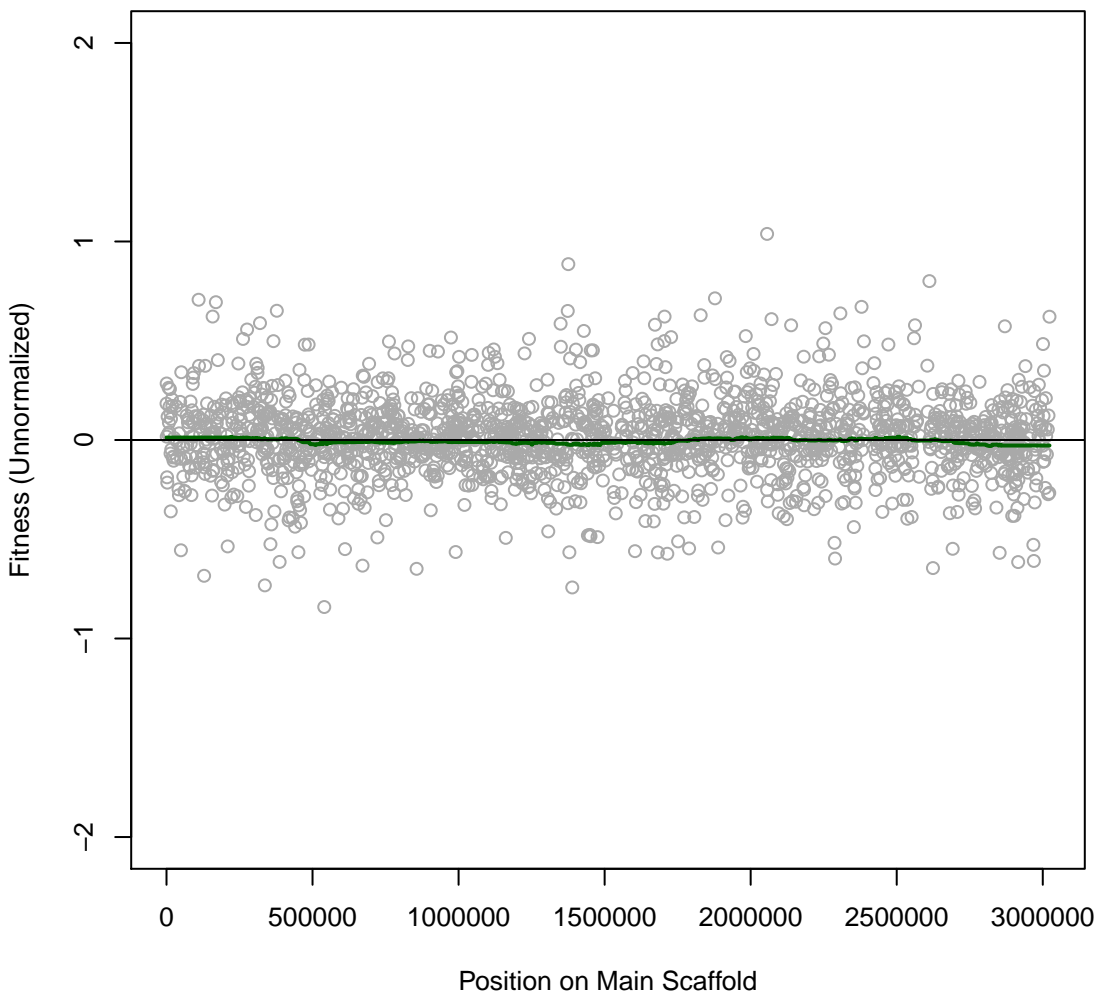
azobra 1IT063 #15 (gMed=467 rho12=0.008)

Time0



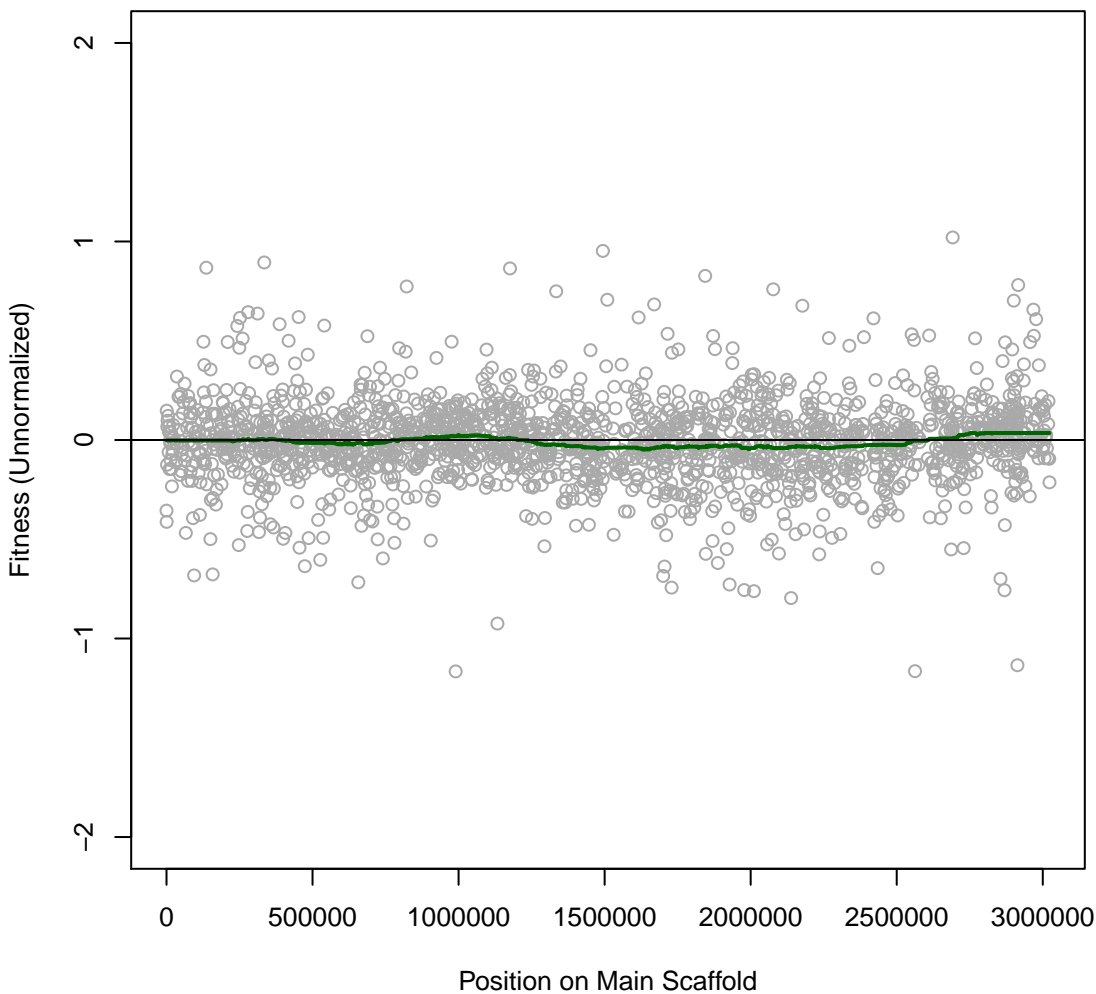
azobra 1IT064 #16 (gMed=424 rho12=-0.008)

Time0



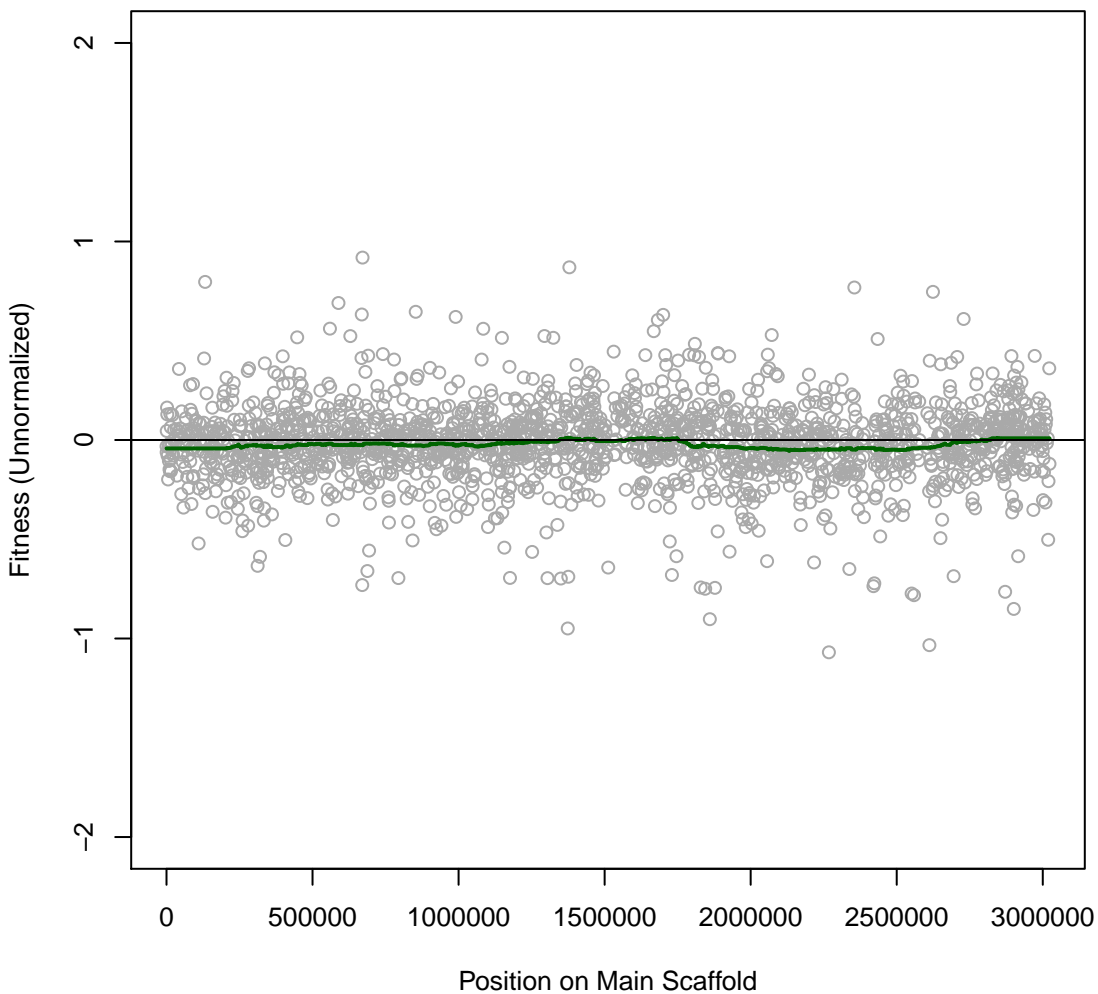
azobra 1IT065 #17 (gMed=376 rho12=0.005)

Time0

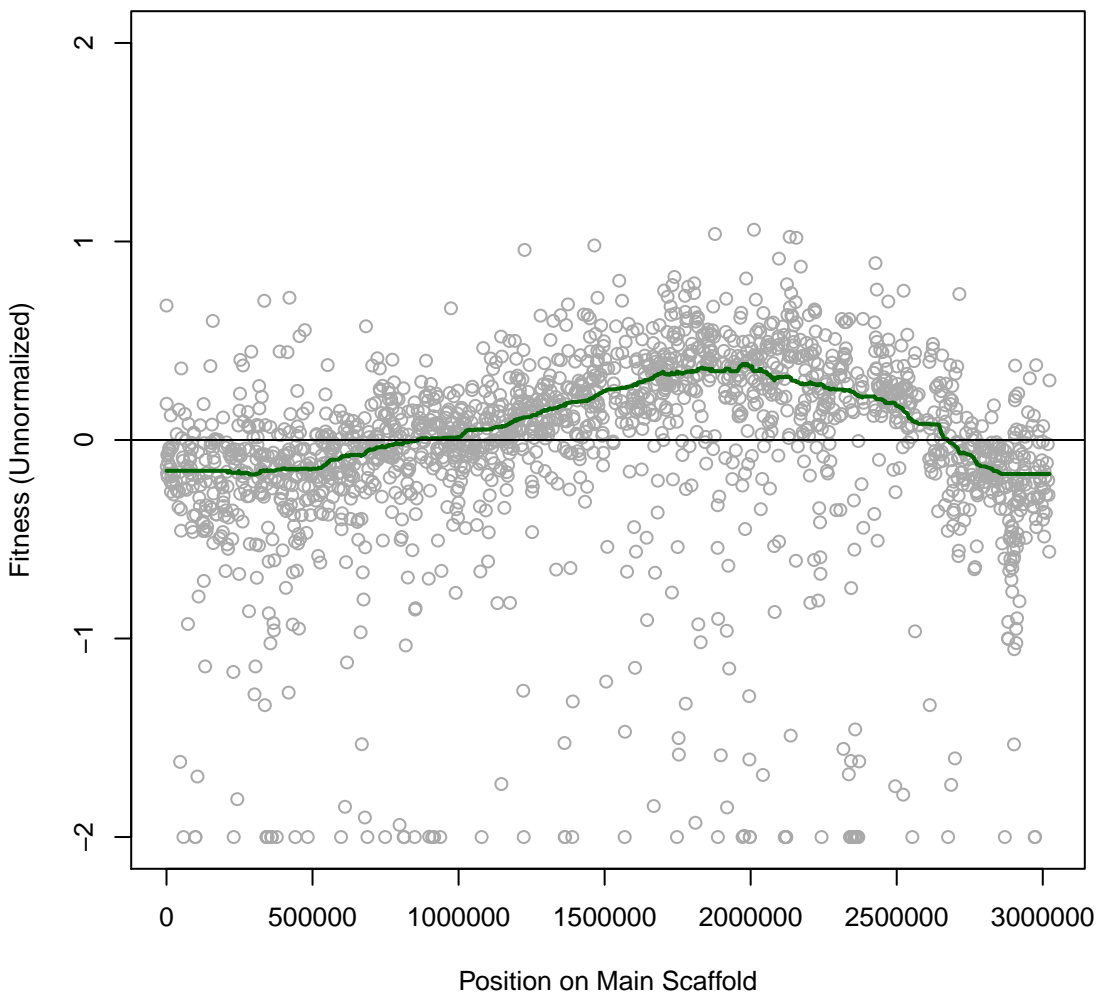


azobra 1IT066 #18 (gMed=456 rho12=0.003)

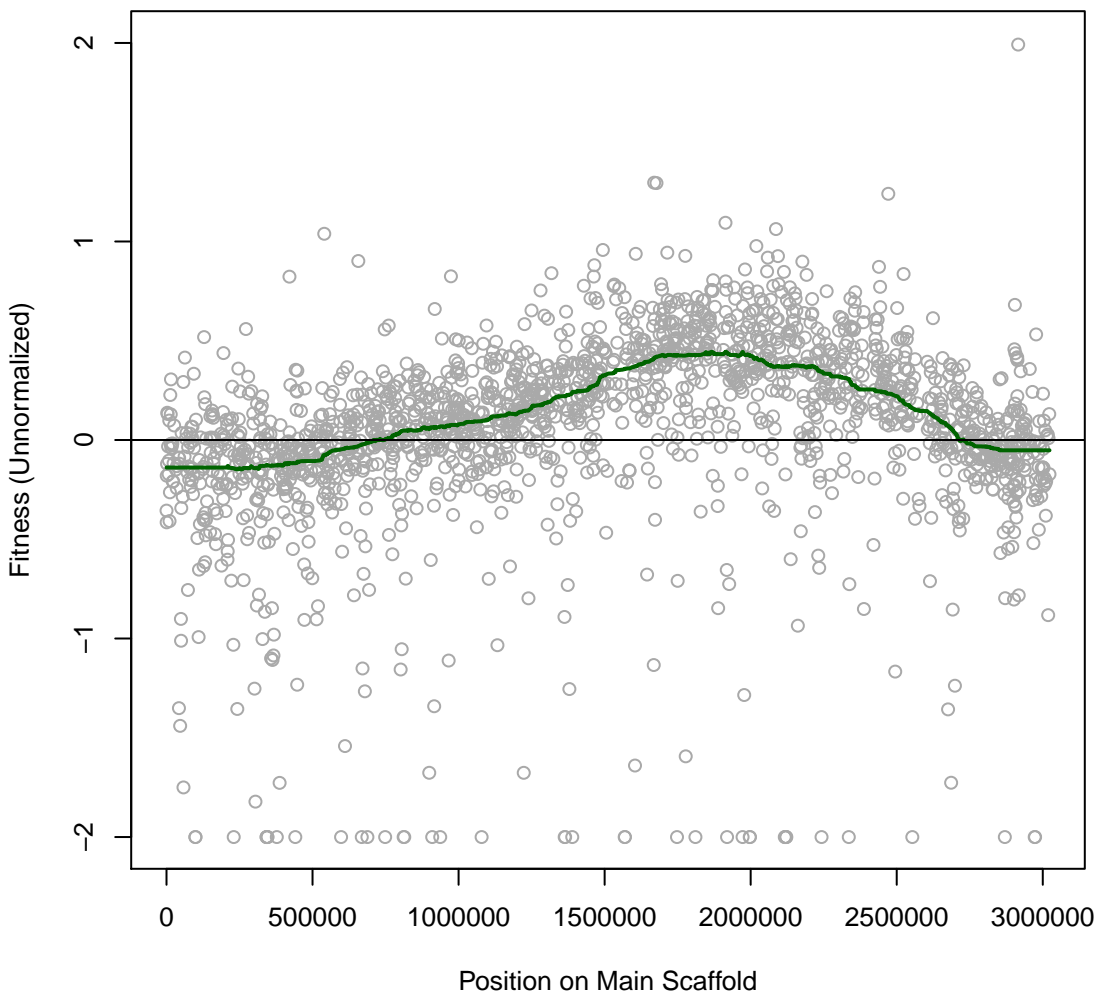
Time0



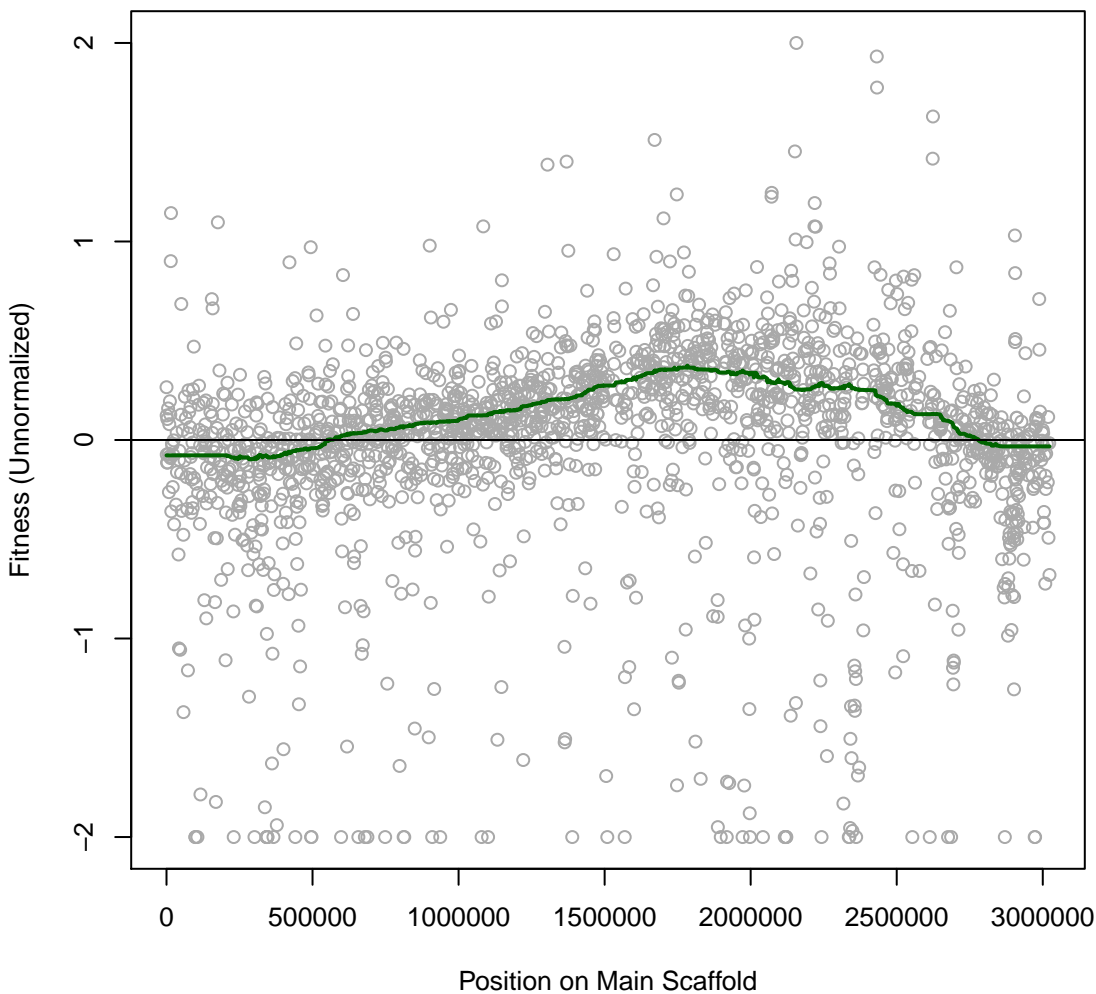
azobra 1IT067 #19 (gMed=429 rho12=0.254)
D-Fructose (C)



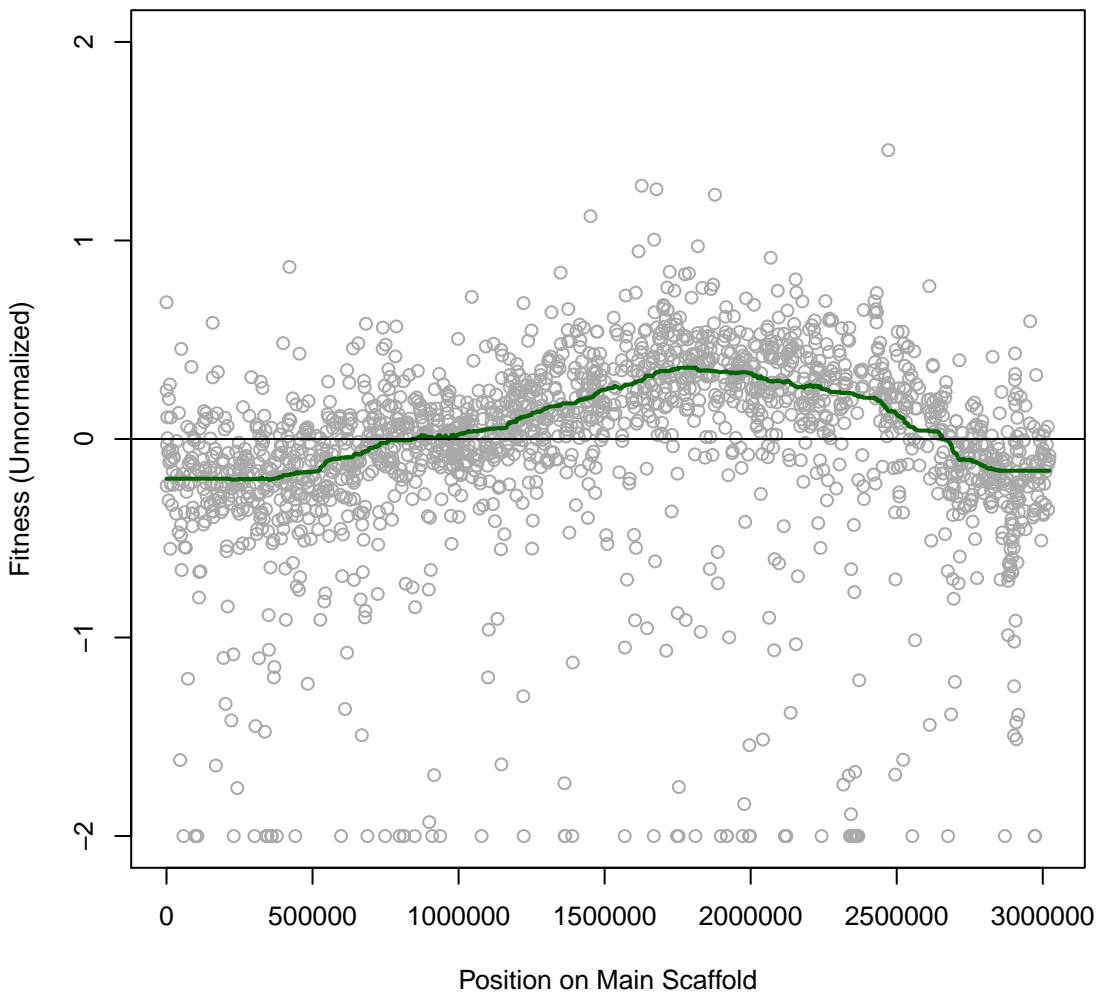
azobra 1IT068 #20 (gMed=373 rho12=0.238)
Sucrose (C)



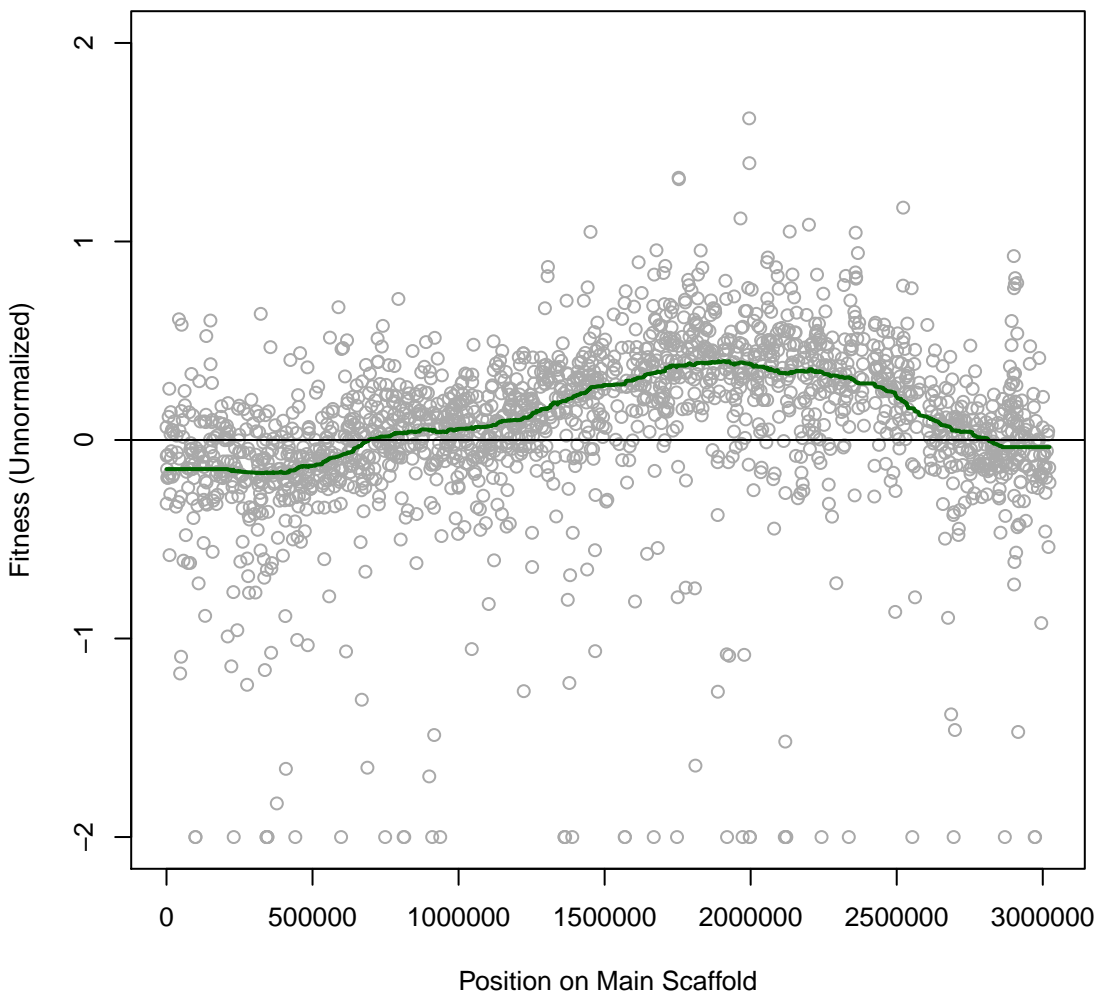
azobra 1IT069 #21 (gMed=393 rho12=0.344)
 α -Ketoglutaric (C)



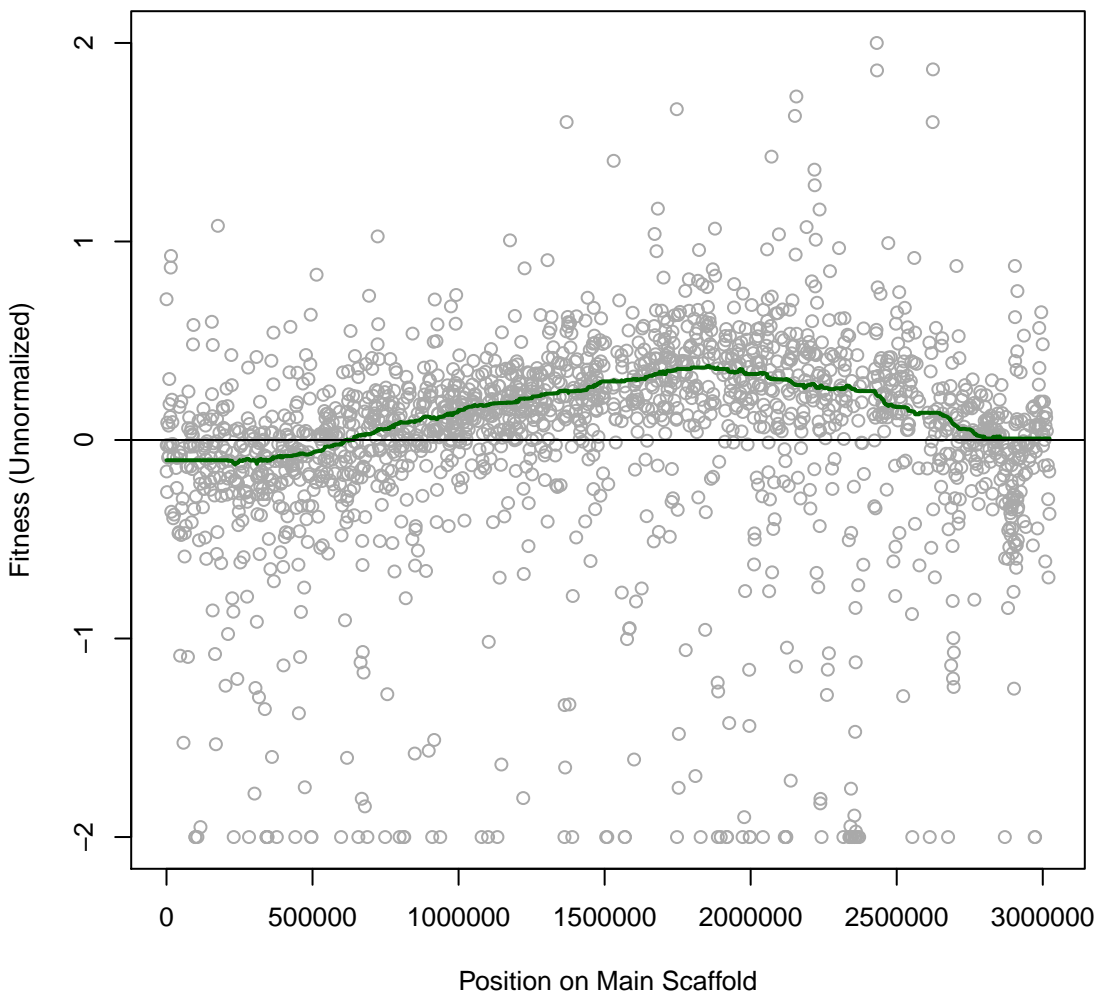
azobra 1IT070 #22 (gMed=415 rho12=0.245)
D-Fructose (C)



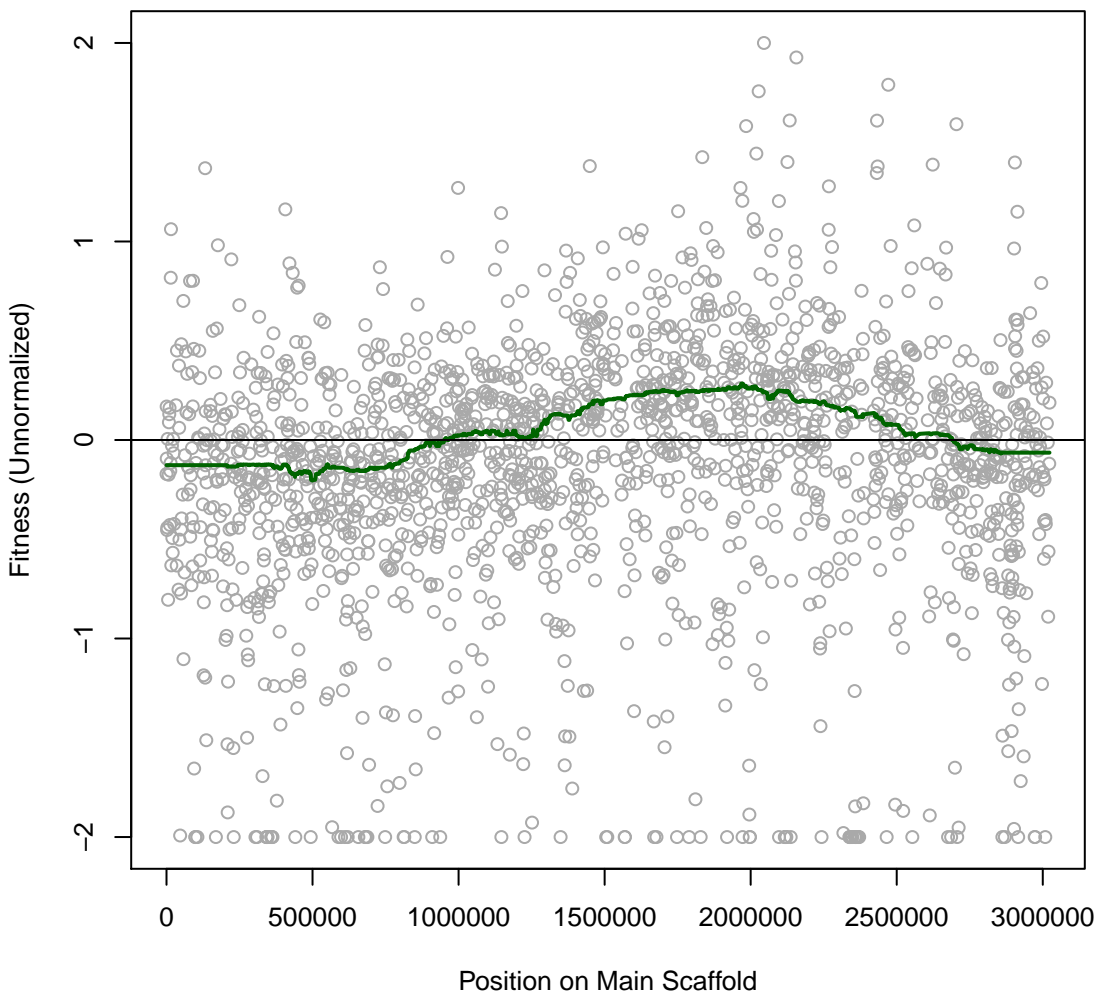
azobra 1IT071 #23 (gMed=364 rho12=0.150)
Sucrose (C)



azobra 1IT072 #24 (gMed=380 rho12=0.321)
 α -Ketoglutaric (C)

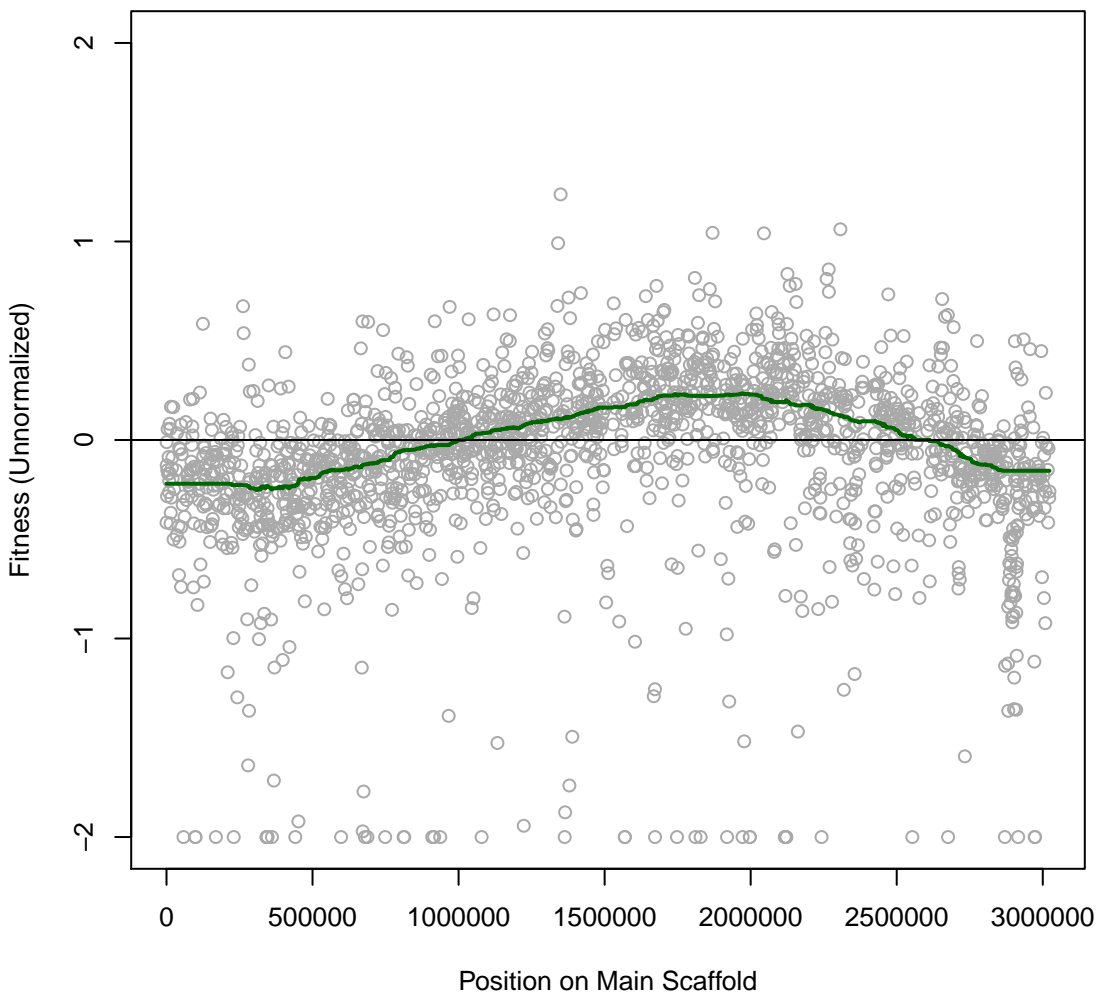


azobra 2IT001 #25 (gMed=62 rho12=0.221)
D-Gluconic Acid (C)



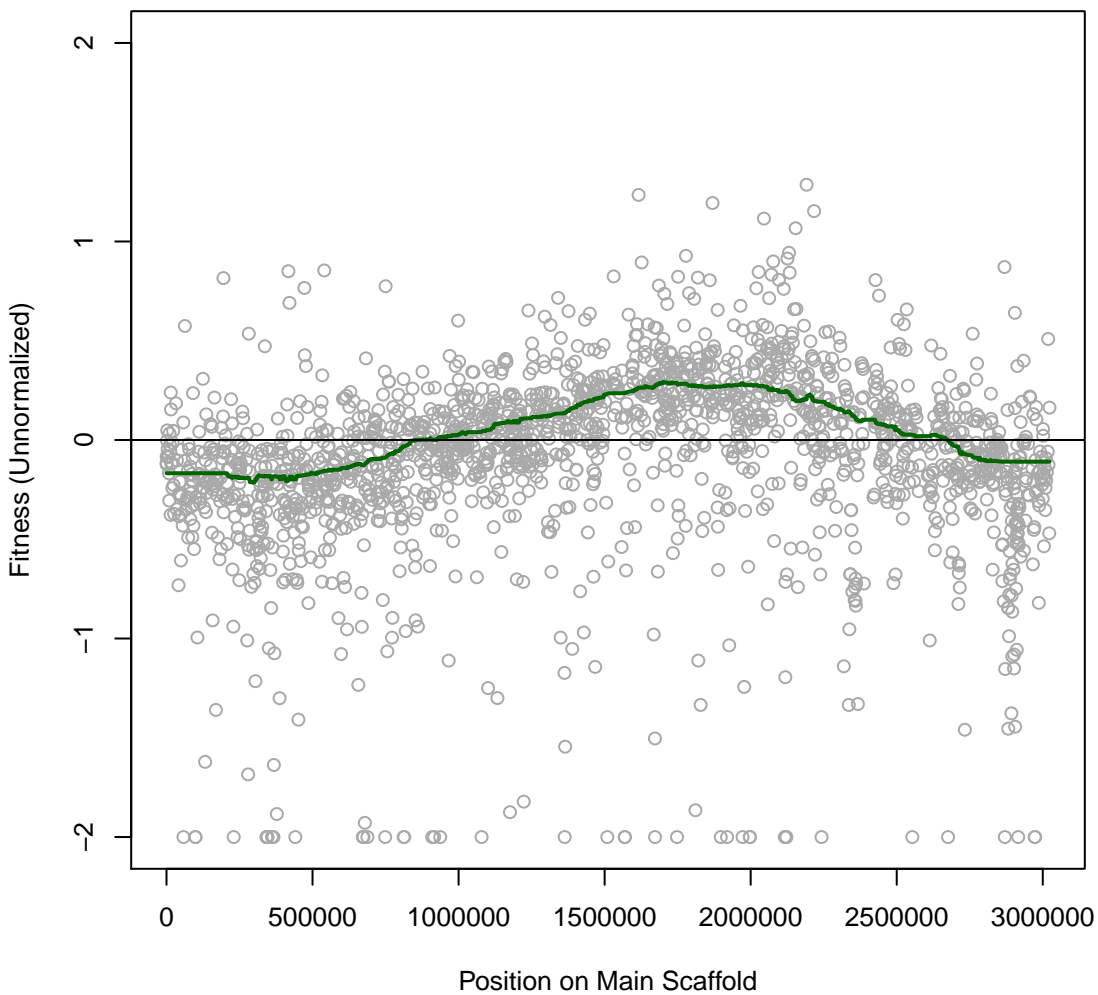
azobra 2IT002 #26 (gMed=229 rho12=0.168)

D-Lactate (C)

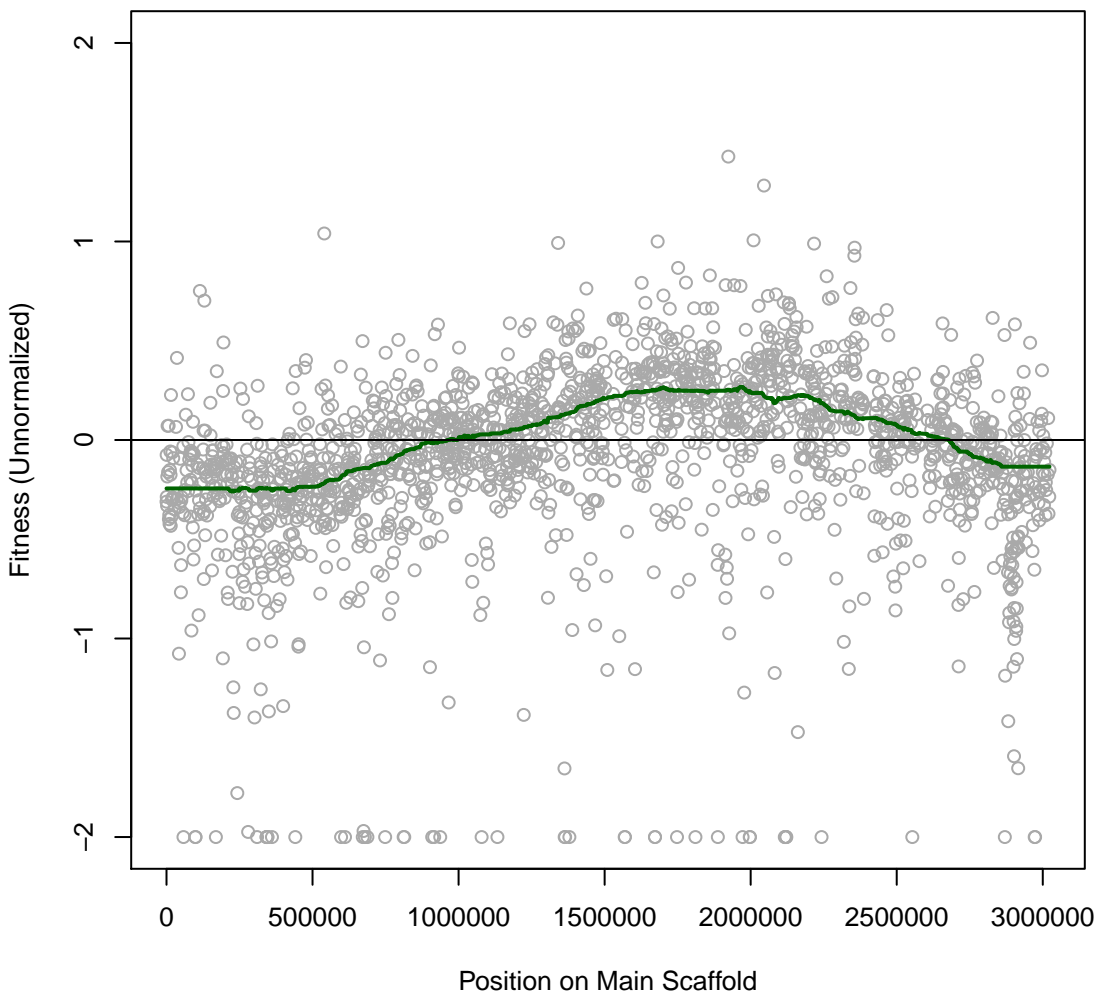


azobra 2IT003 #27 (gMed=239 rho12=0.189)

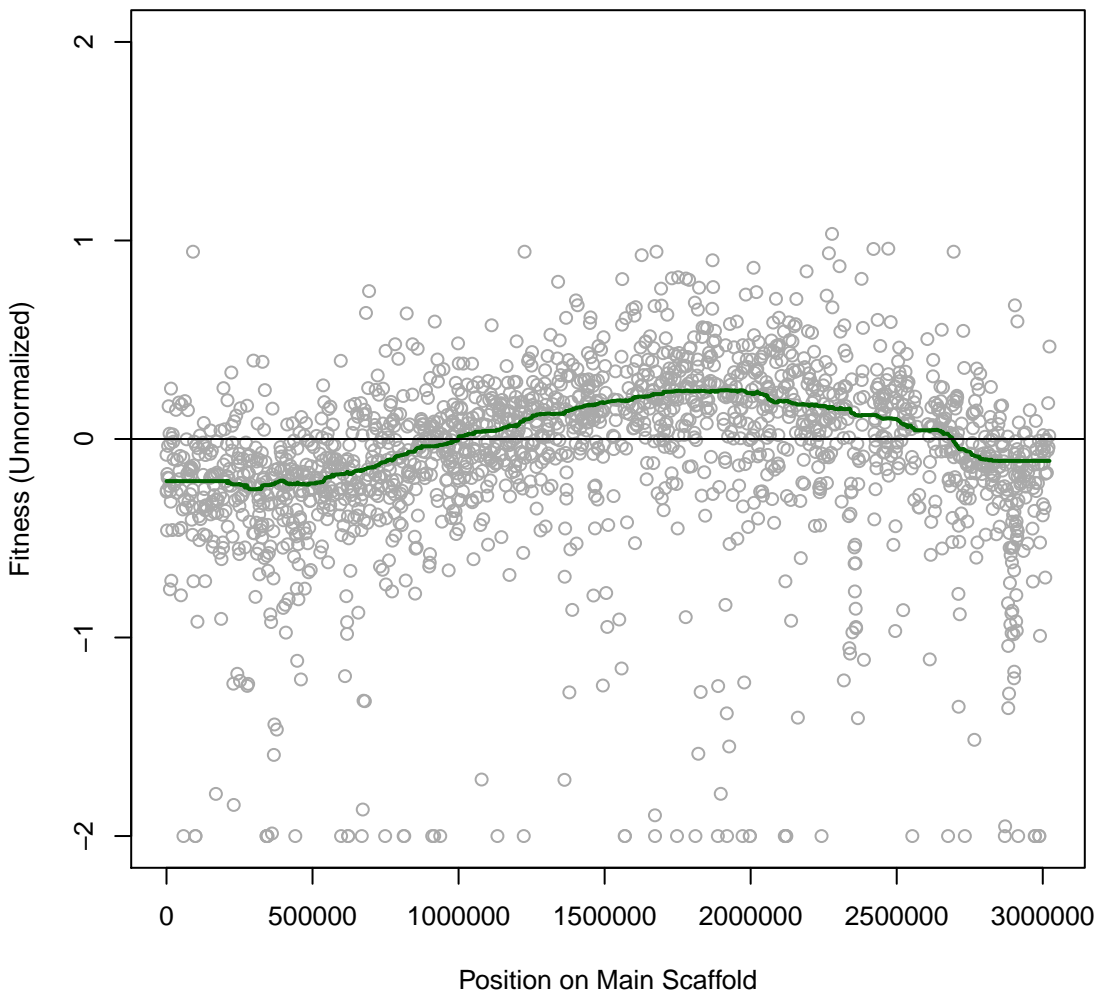
L-Lactate (C)



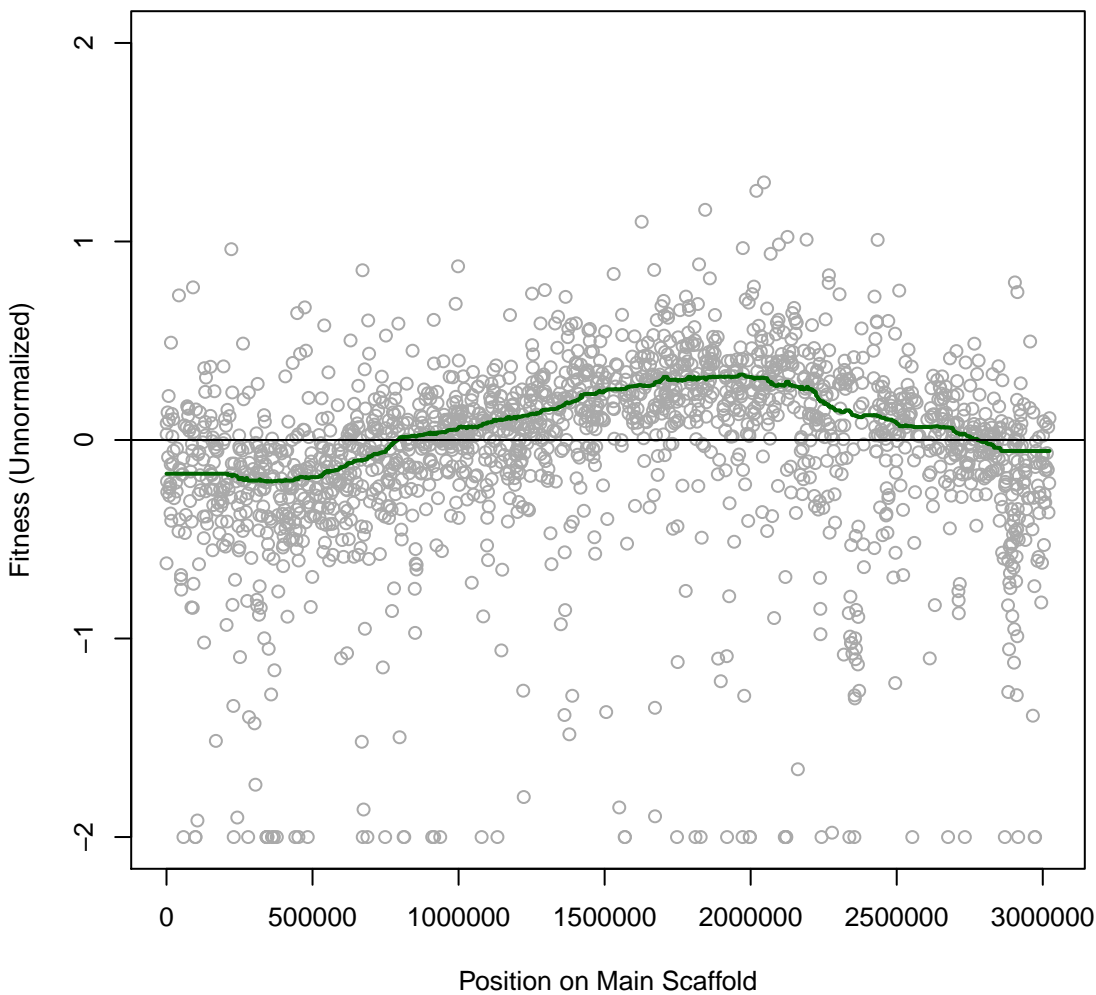
azobra 2IT004 #28 (gMed=220 rho12=0.154)
D,L-Lactate (C)



azobra 2IT005 #29 (gMed=230 rho12=0.153)
pyruvate (C)

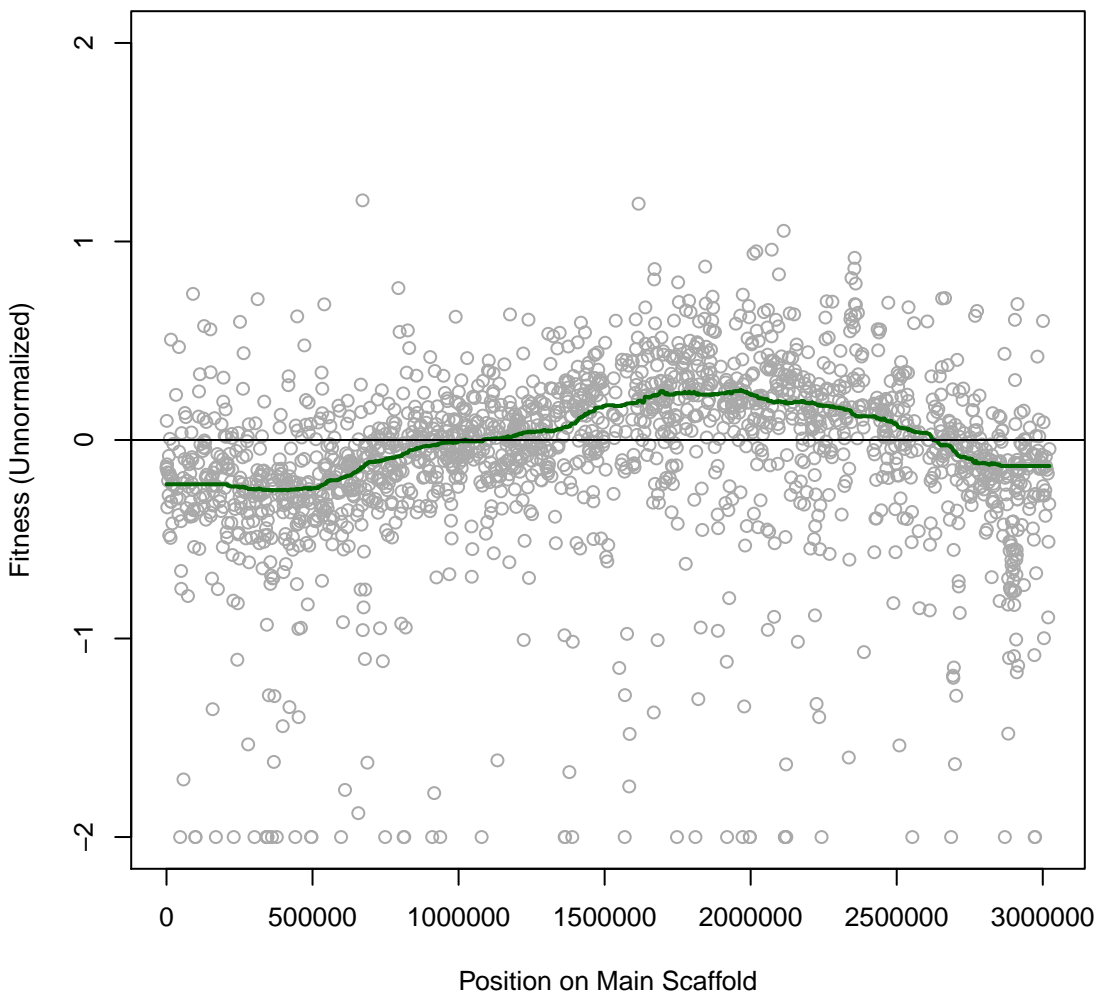


azobra 2IT006 #30 (gMed=278 rho12=0.262)
succinate (C)

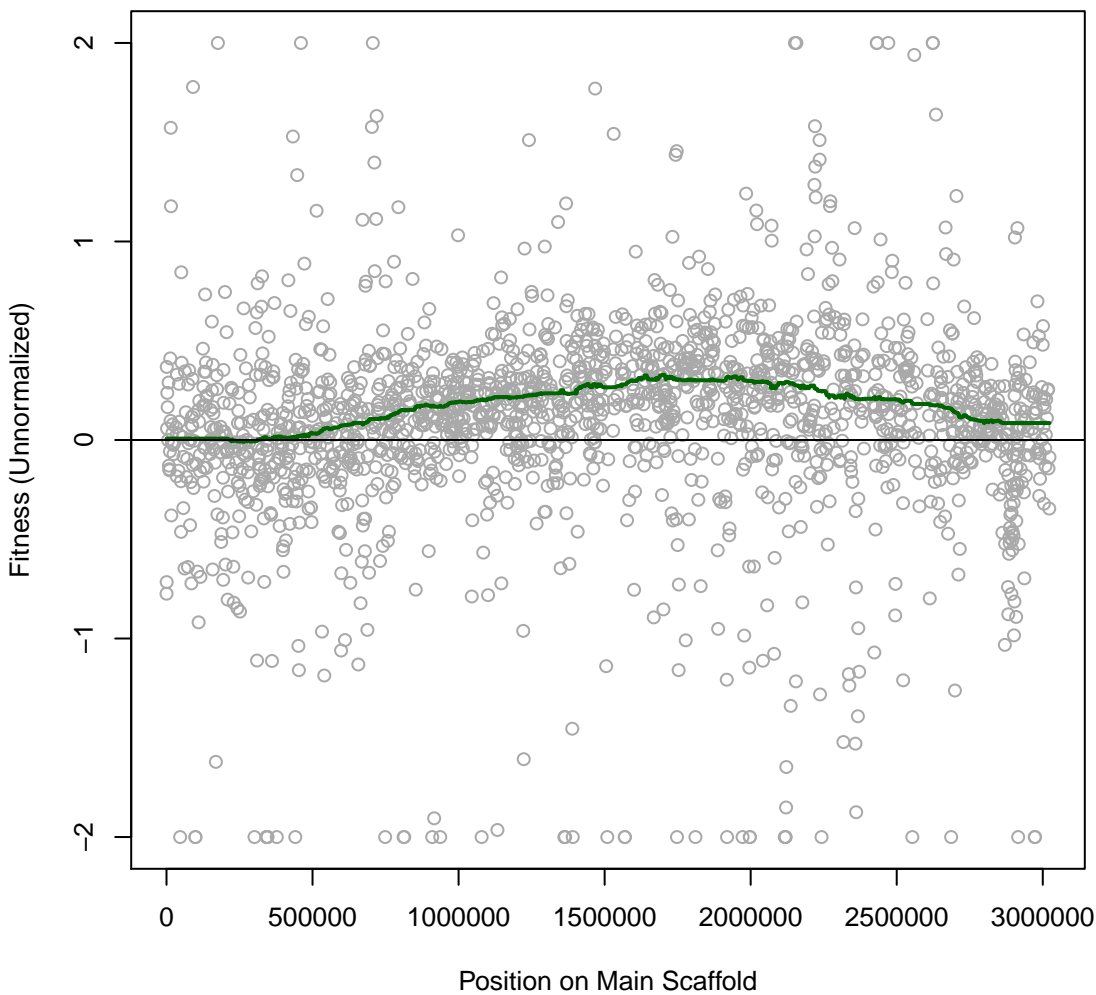


azobra 2IT007 #31 (gMed=244 rho12=0.167)

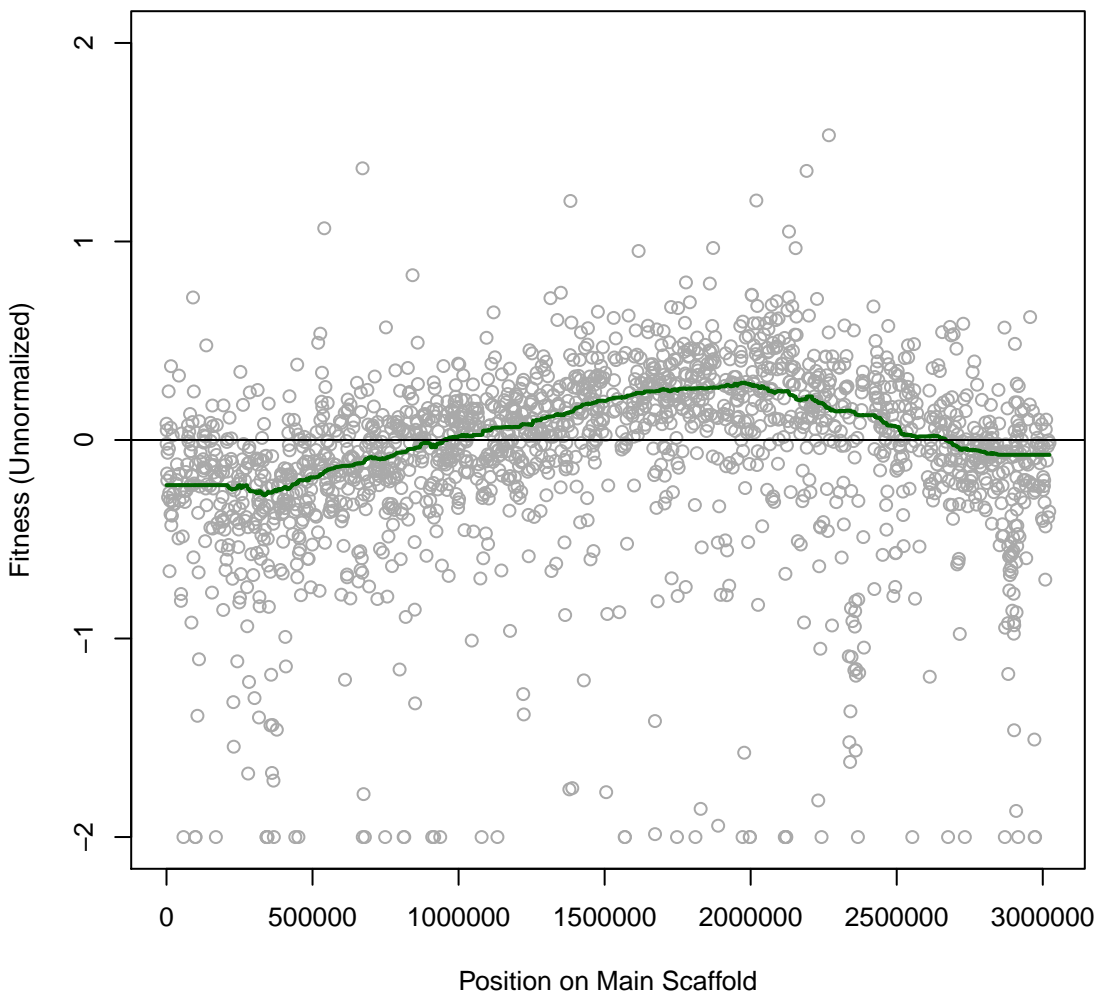
Ethanol (C)



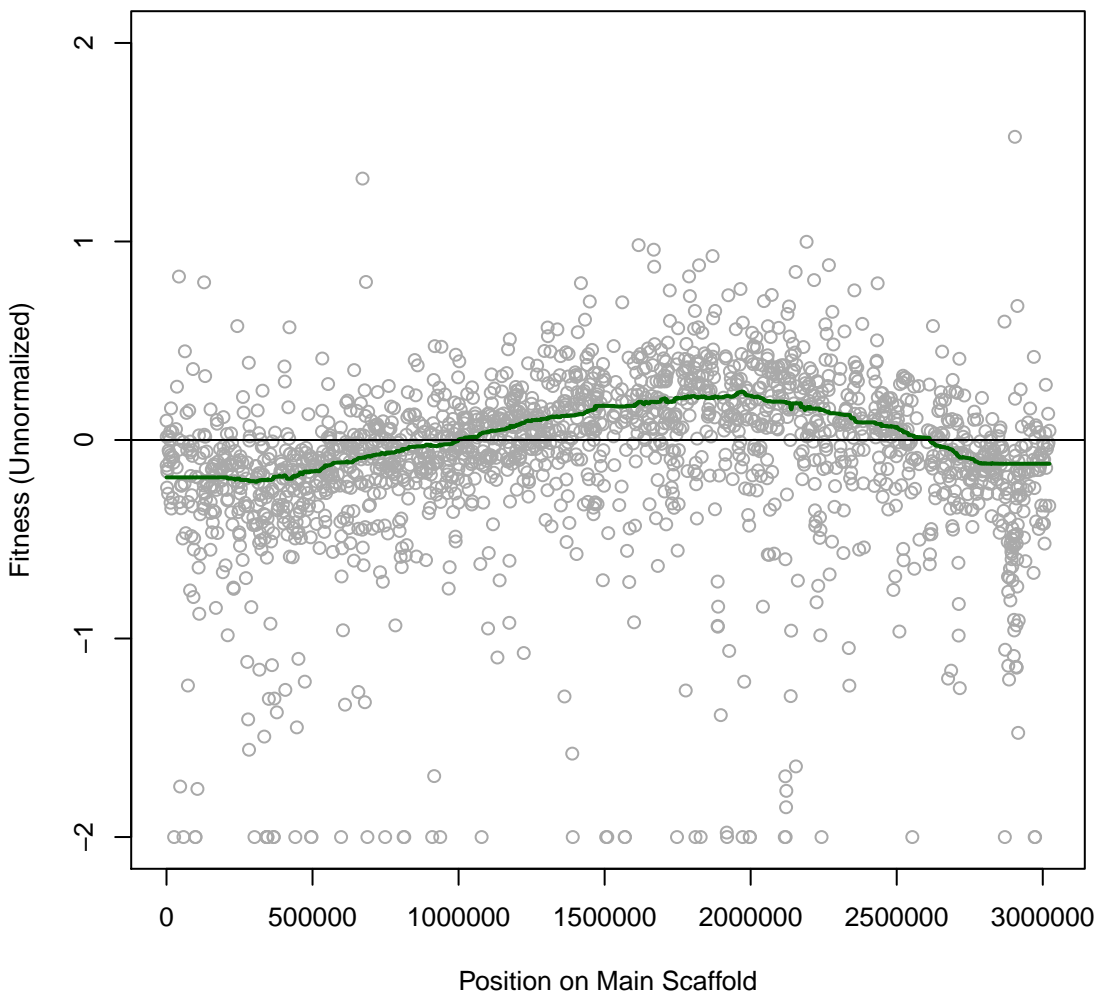
azobra 2IT008 #32 (gMed=251 rho12=0.304)
Glycerol (C)



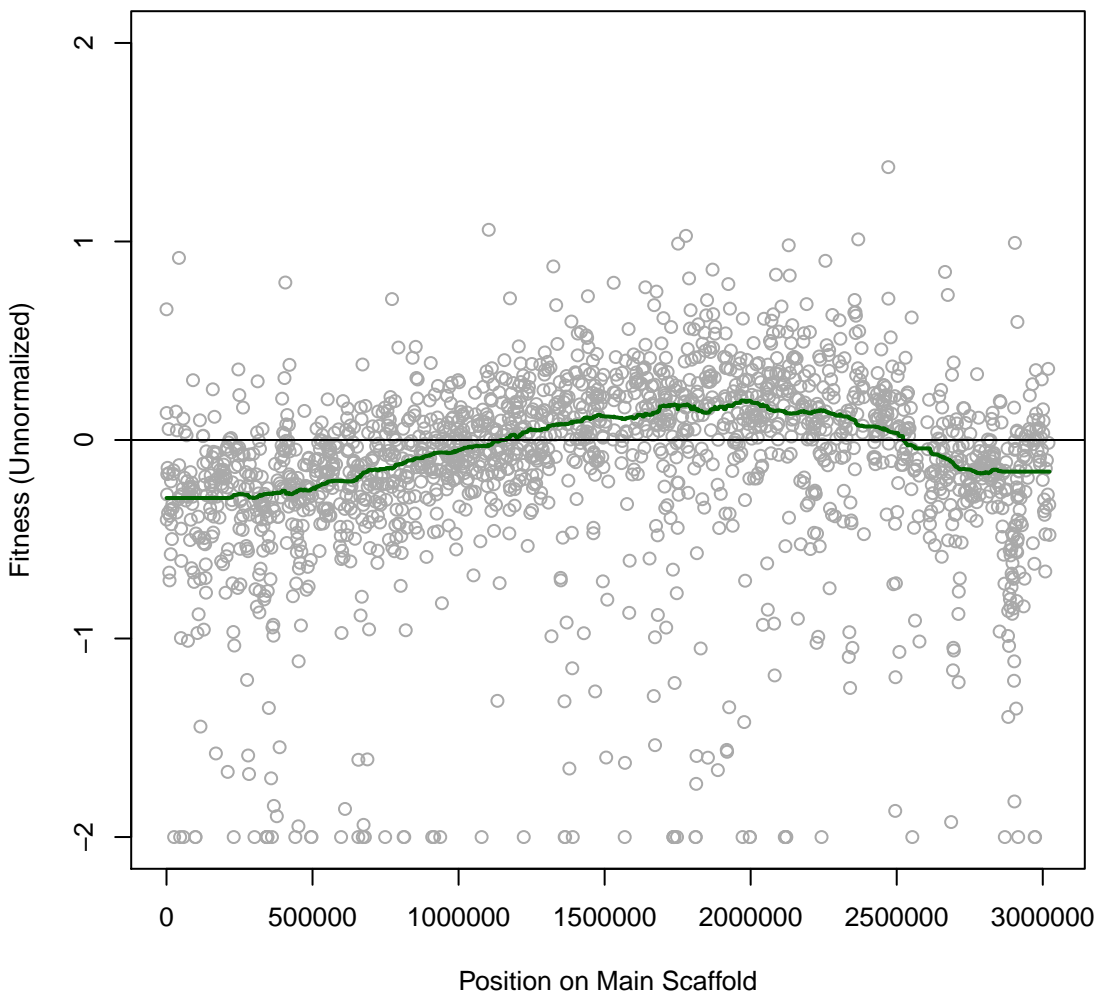
azobra 2IT009 #33 (gMed=311 rho12=0.239)
L-Malic (C)



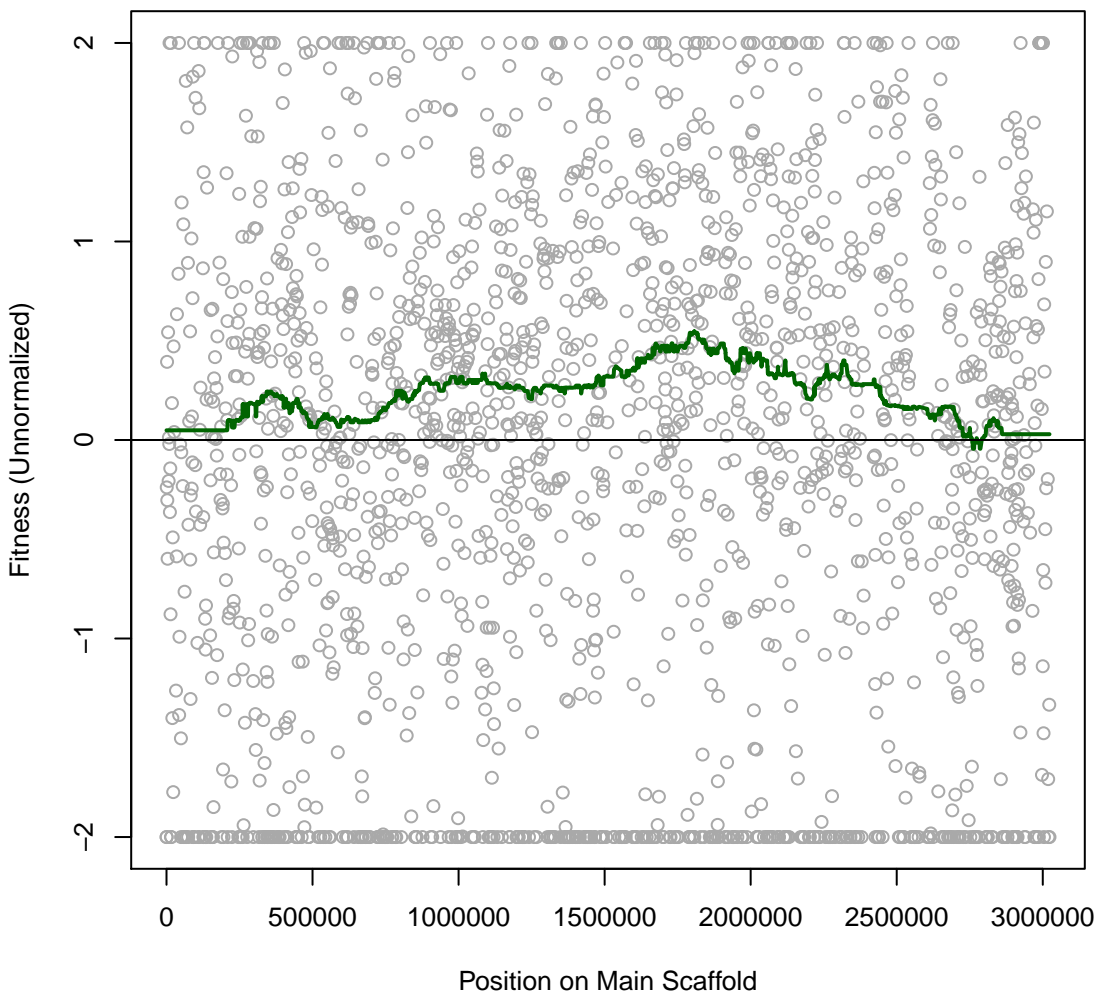
azobra 2IT010 #34 (gMed=288 rho12=0.204)
L-Glutamine (C)



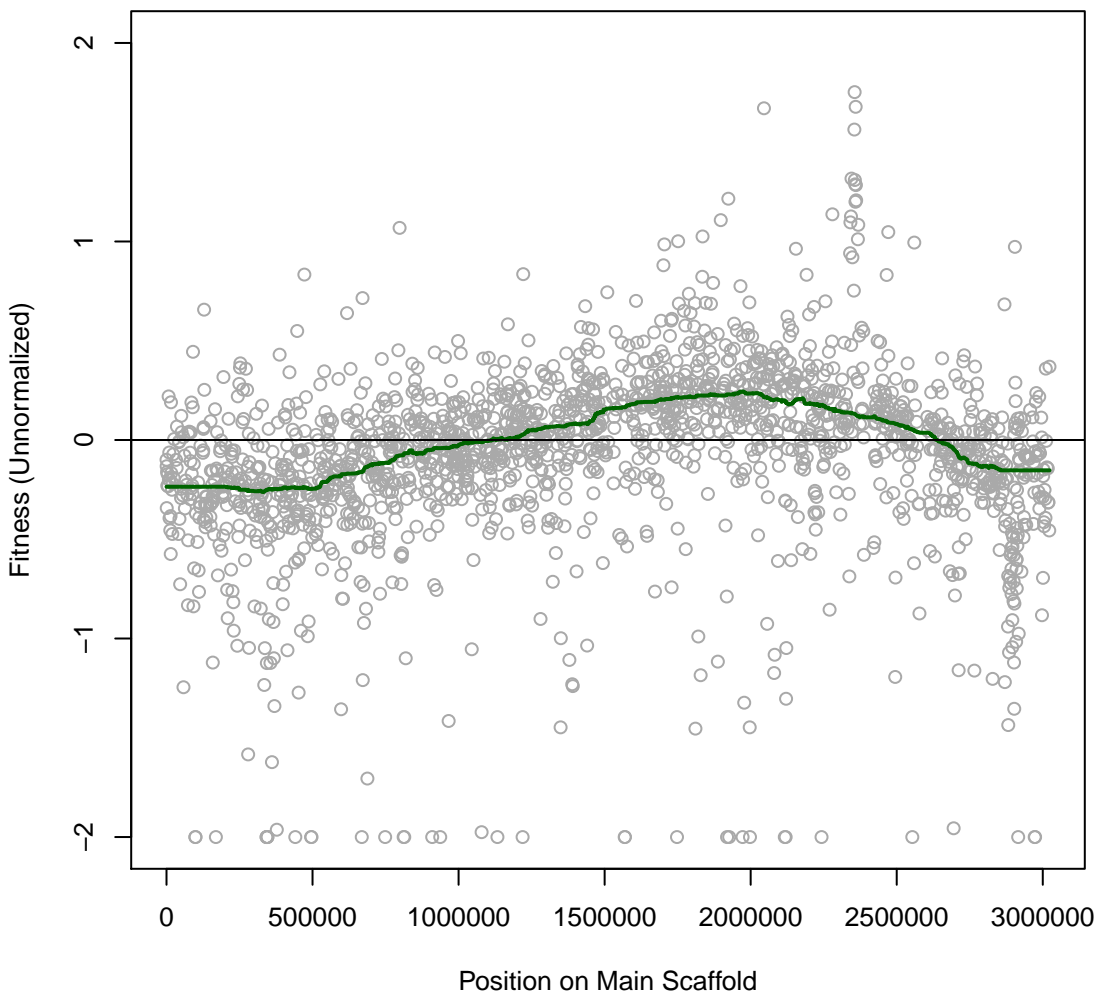
azobra 2IT011 #35 (gMed=240 rho12=0.249)
L-Proline (C)



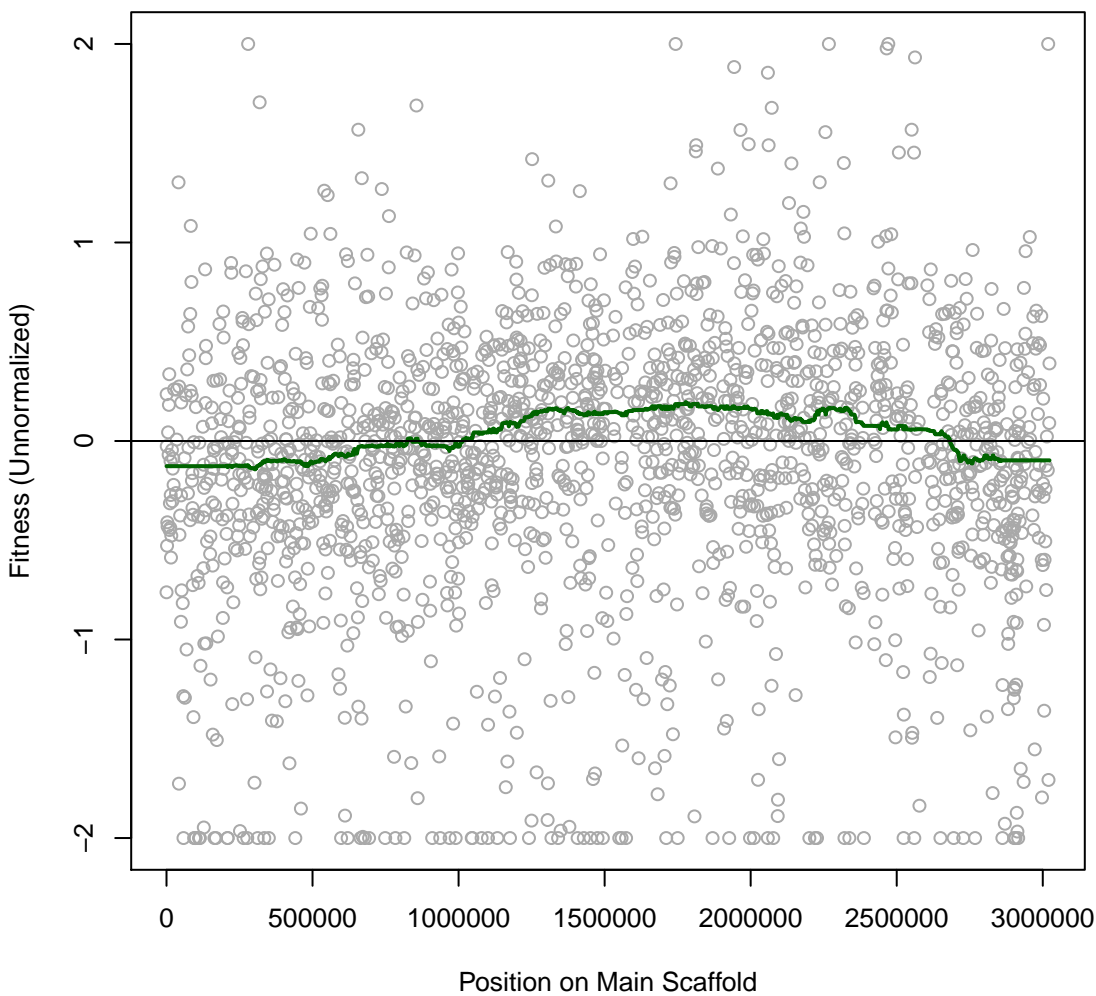
azobra 2IT012 #36 (gMed=40 rho12=0.040)
L-Alanine (C)



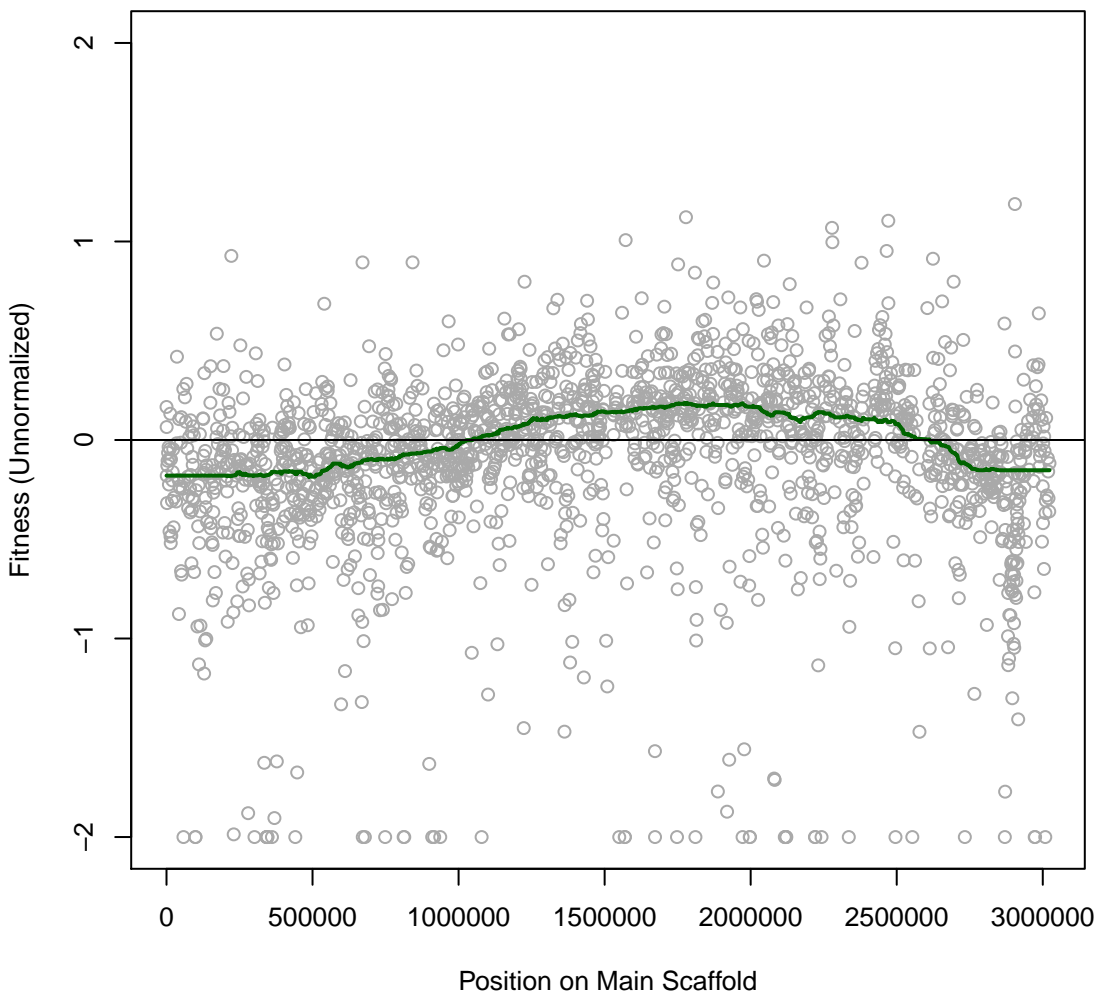
azobra 2IT014 #38 (gMed=270 rho12=0.171)
butyrate (C)



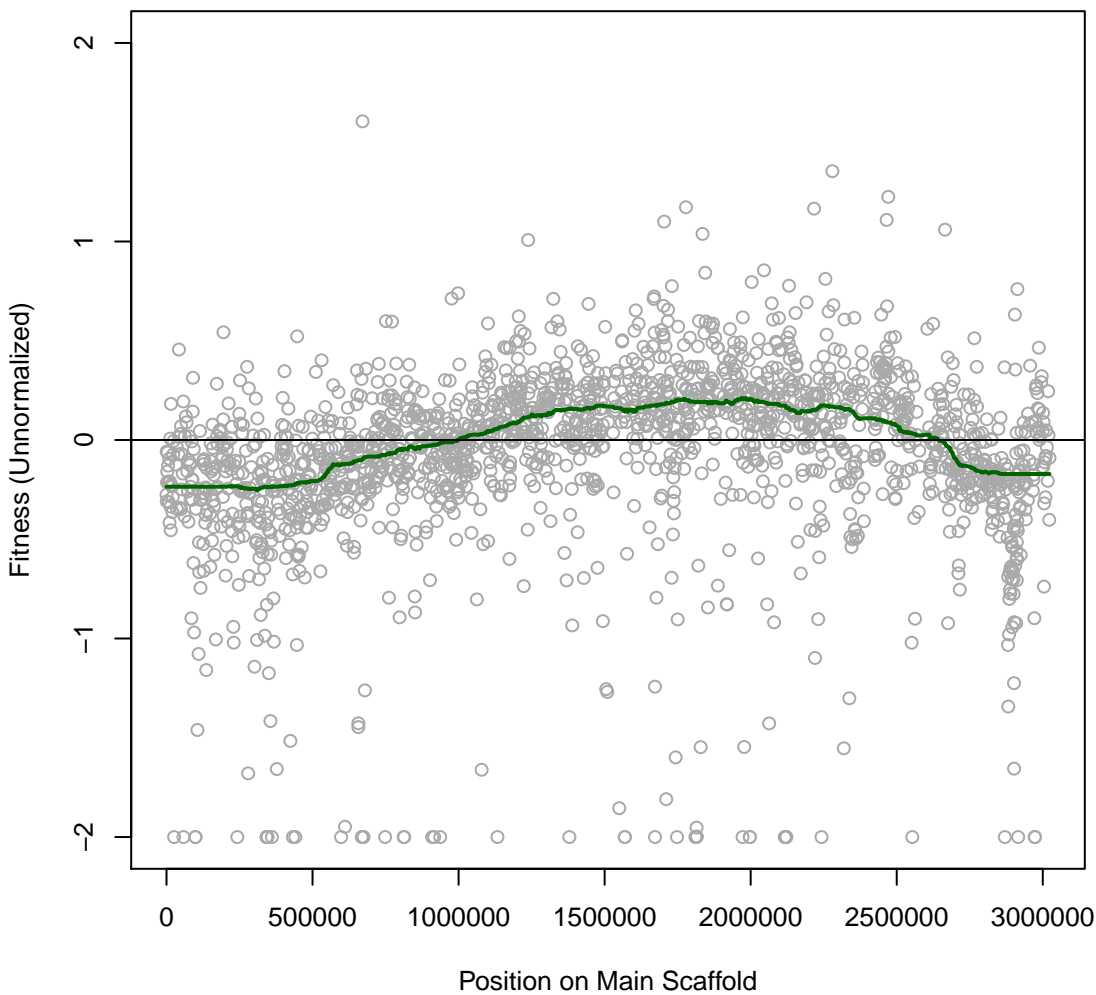
azobra 2IT015 #39 (gMed=24 rho12=0.106)
L-Histidine (N)



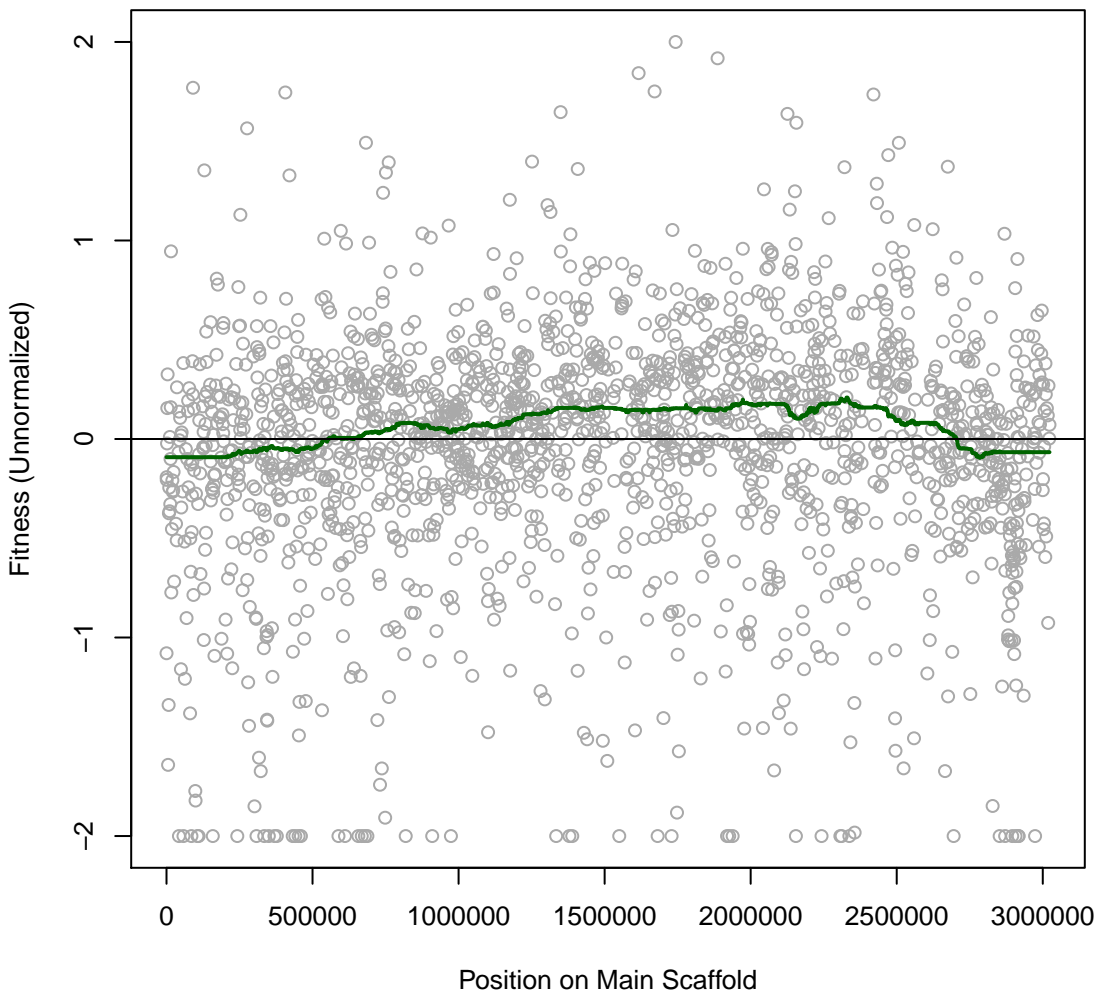
azobra 2IT016 #40 (gMed=275 rho12=0.273)
L-Lysine (N)



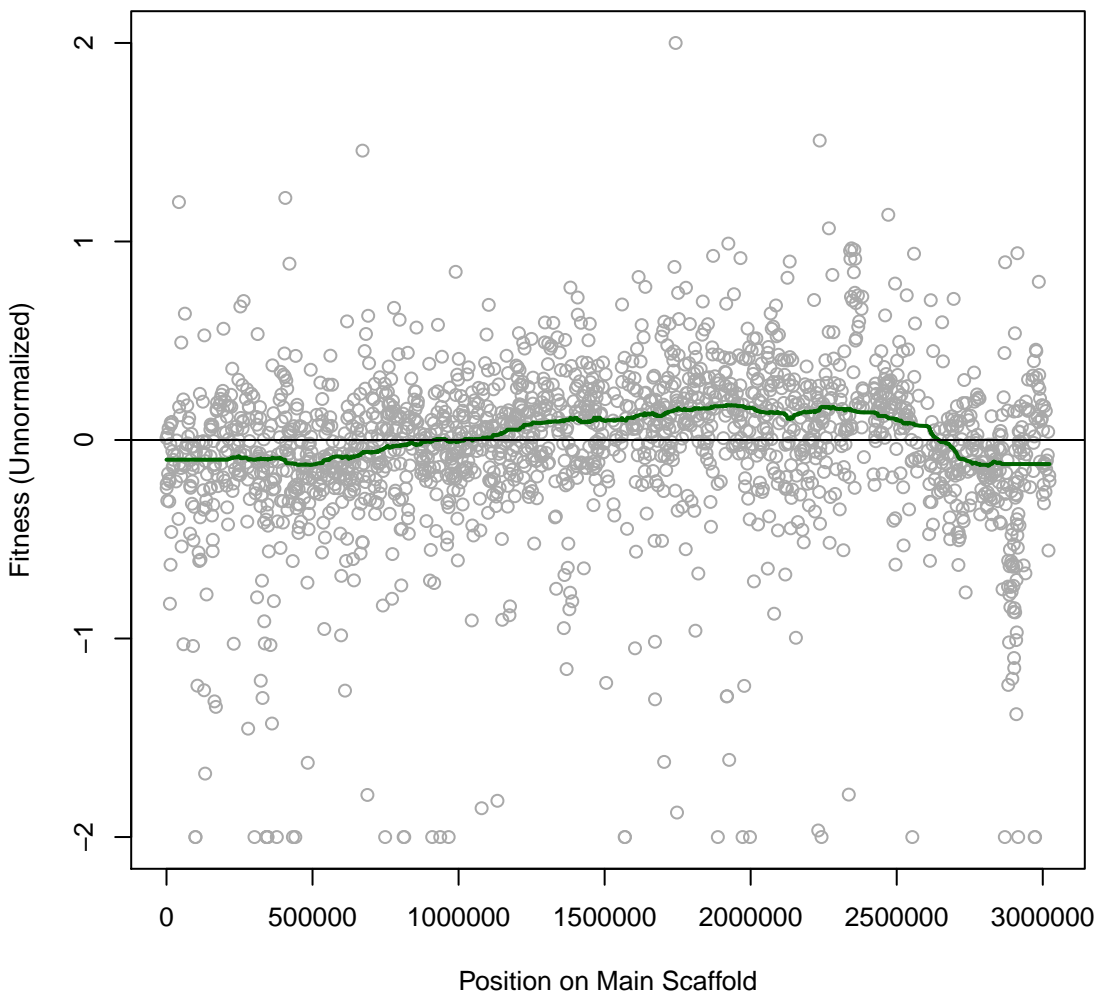
azobra 2IT017 #41 (gMed=282 rho12=0.216)
L-Aspartic Acid (N)



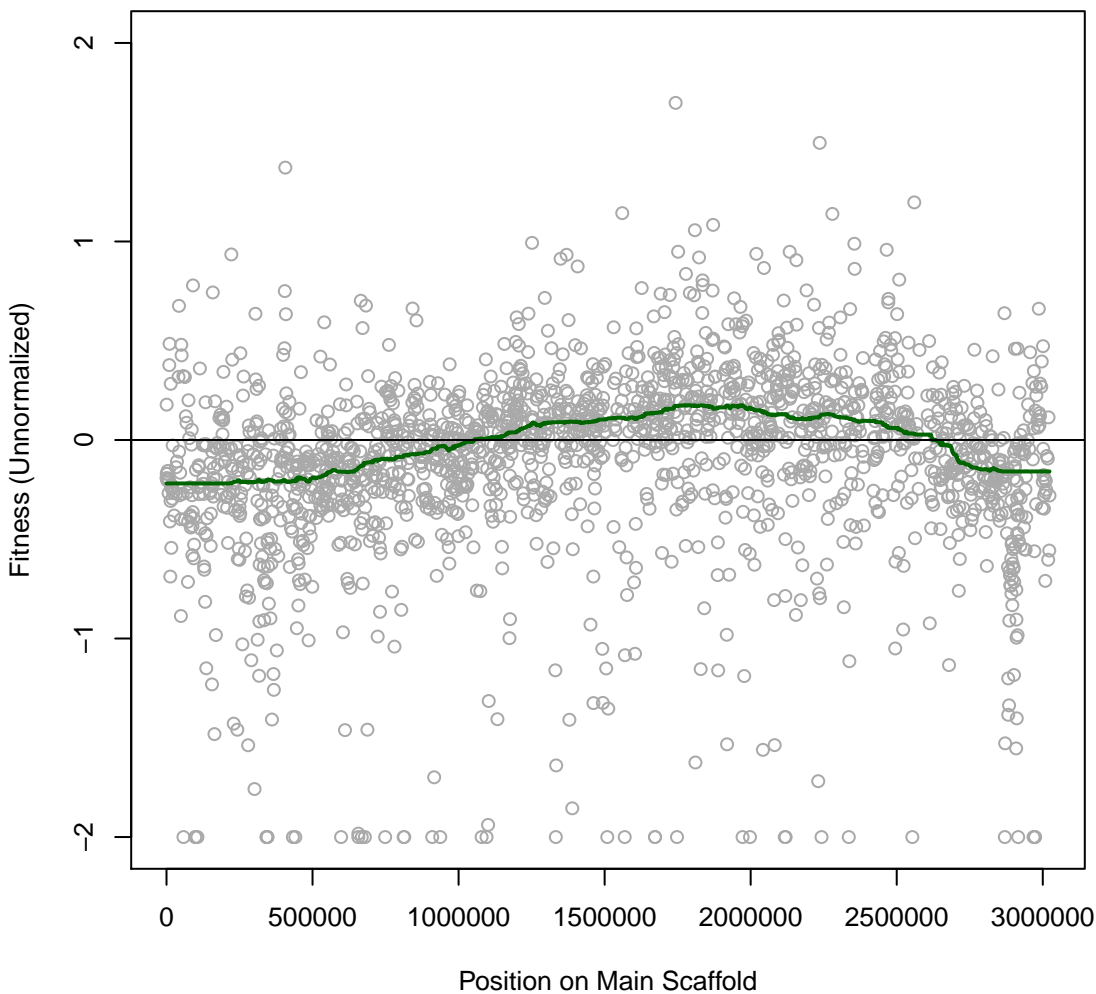
azobra 2IT018 #42 (gMed=169 rho12=0.164)
L-Glutamic (N)



azobra 2IT019 #43 (gMed=295 rho12=0.190)
L-Serine (N)

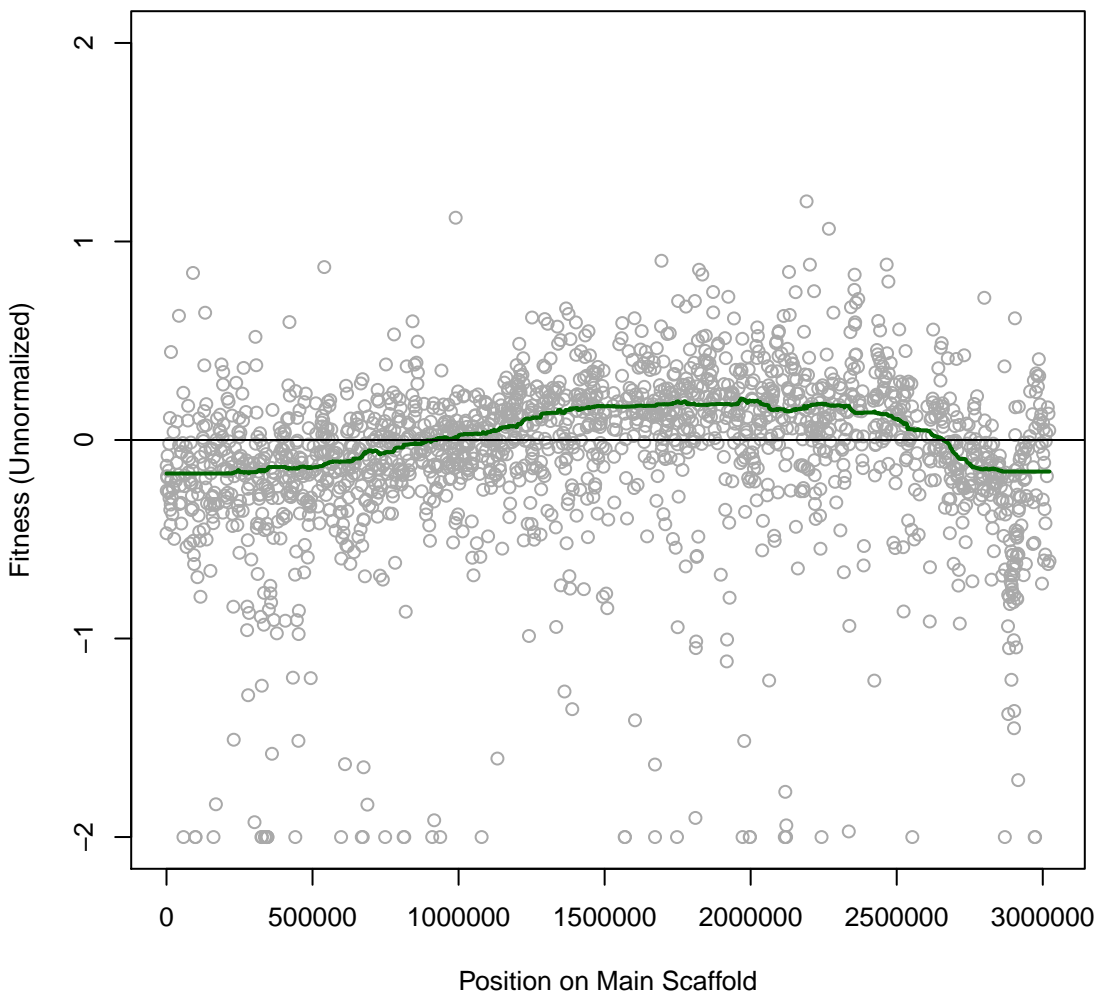


azobra 2IT020 #44 (gMed=211 rho12=0.246)
L-Threonine (N)



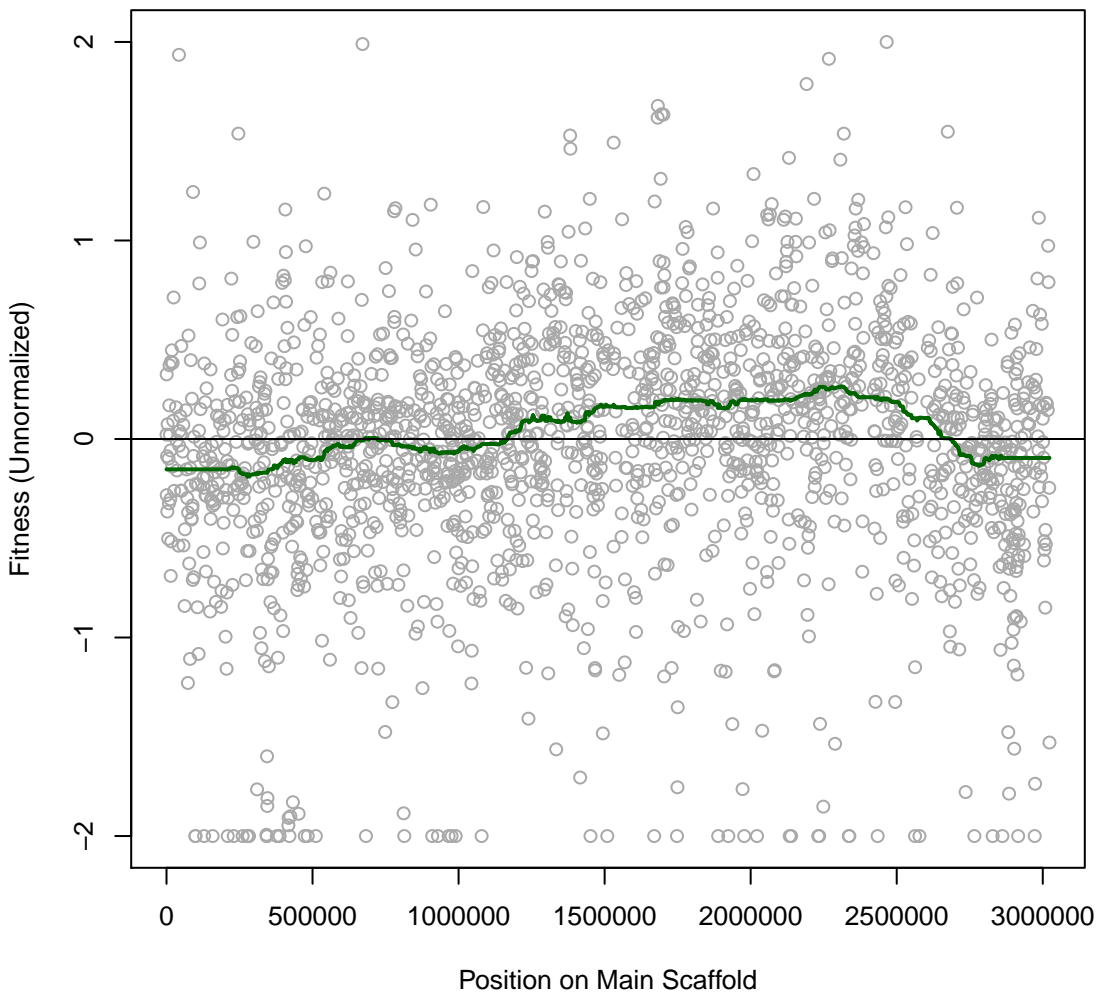
azobra 2IT021 #45 (gMed=308 rho12=0.215)

L-Asparagine (N)

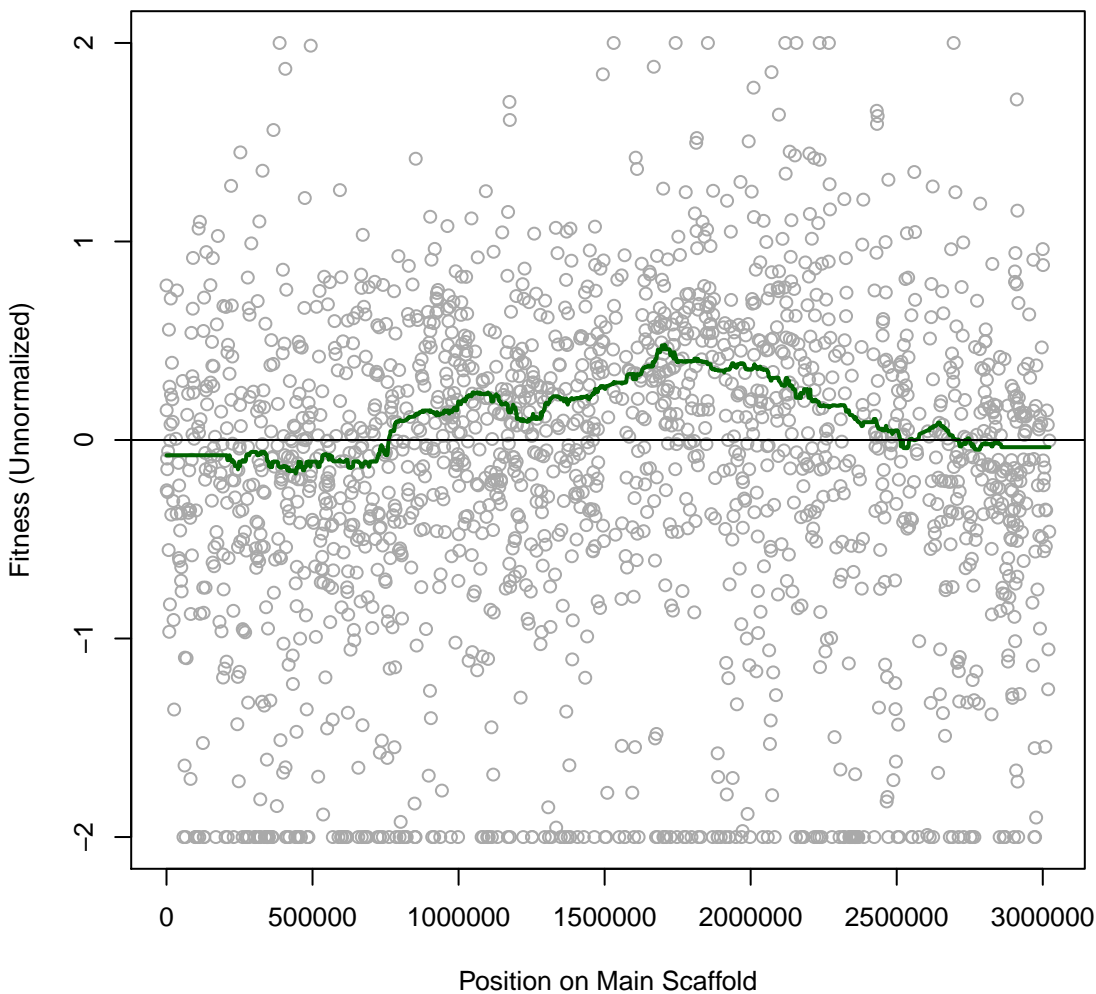


azobra 2IT022 #46 (gMed=204 rho12=0.081)

Glycine (N)

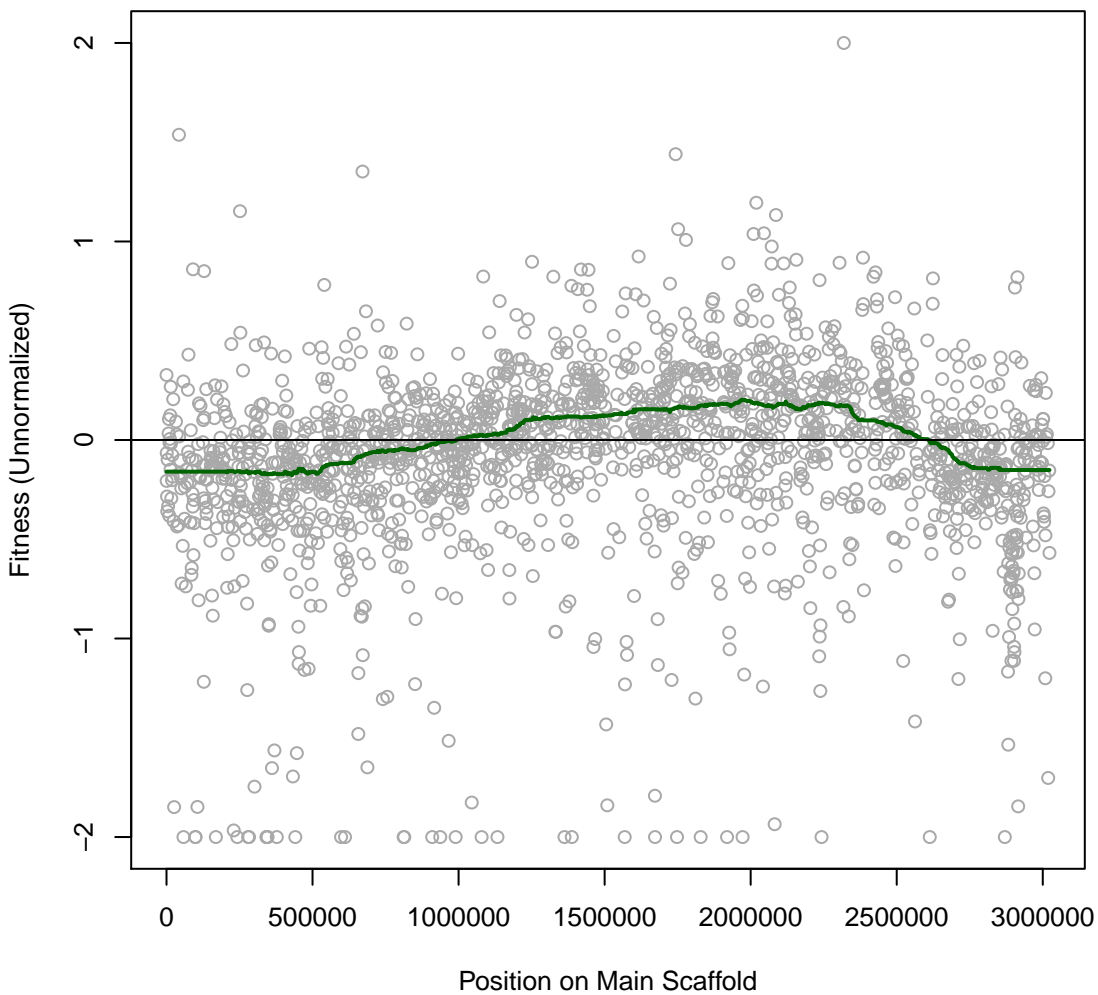


azobra 2IT024 #48 (gMed=76 rho12=0.203)
L-Isoleucine (N)

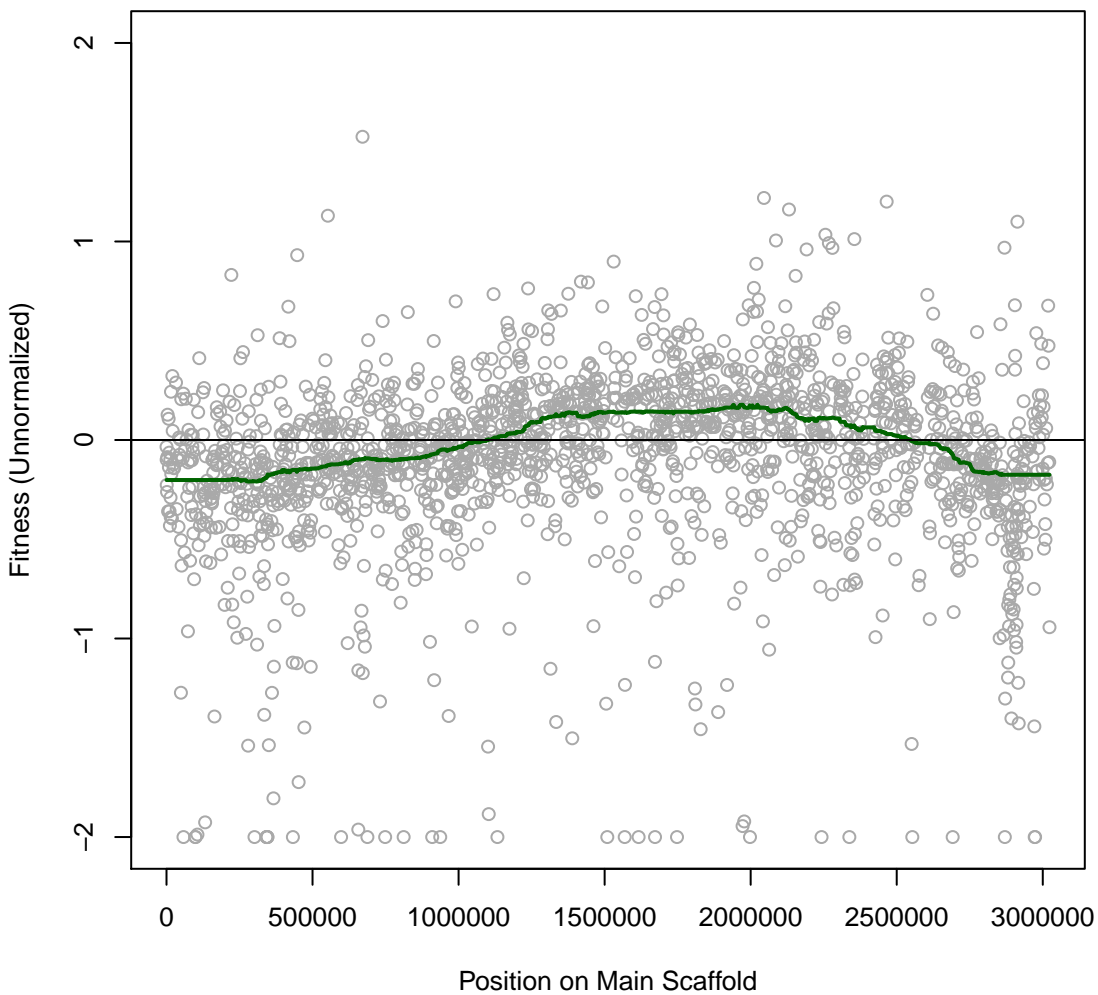


azobra 2IT025 #49 (gMed=256 rho12=0.228)

L-Leucine (N)

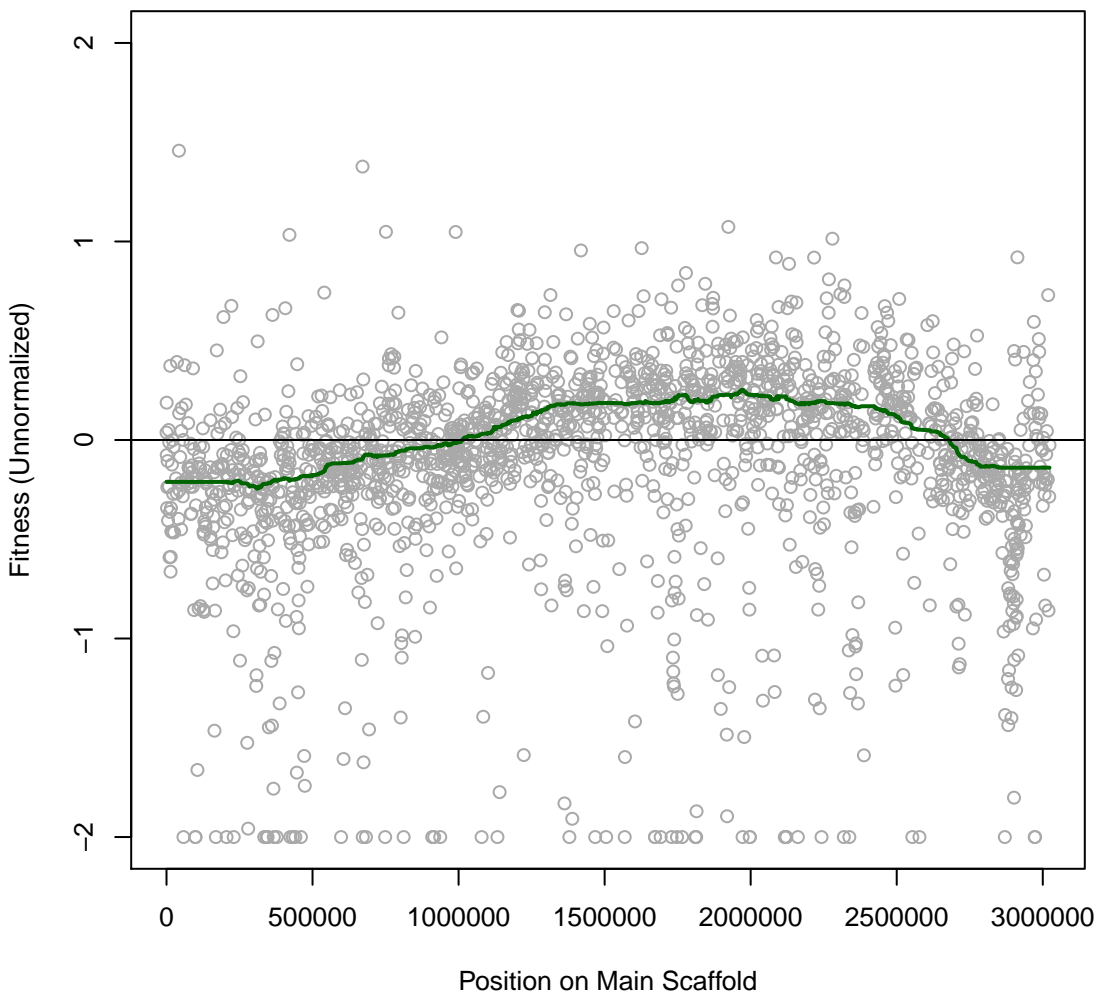


azobra 2IT026 #50 (gMed=265 rho12=0.173)
L-Phenylalanine (N)



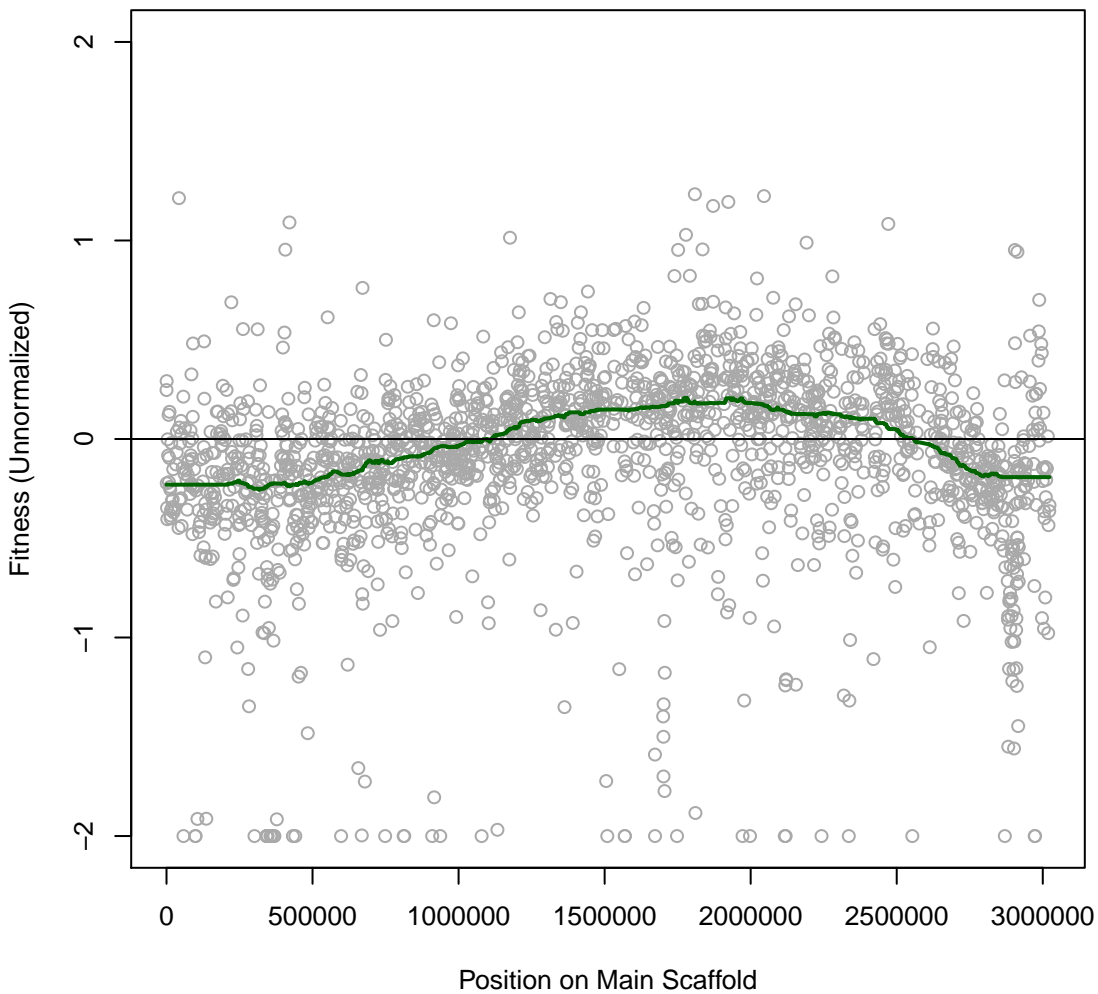
azobra 2IT027 #51 (gMed=281 rho12=0.296)

D-Alanine (N)

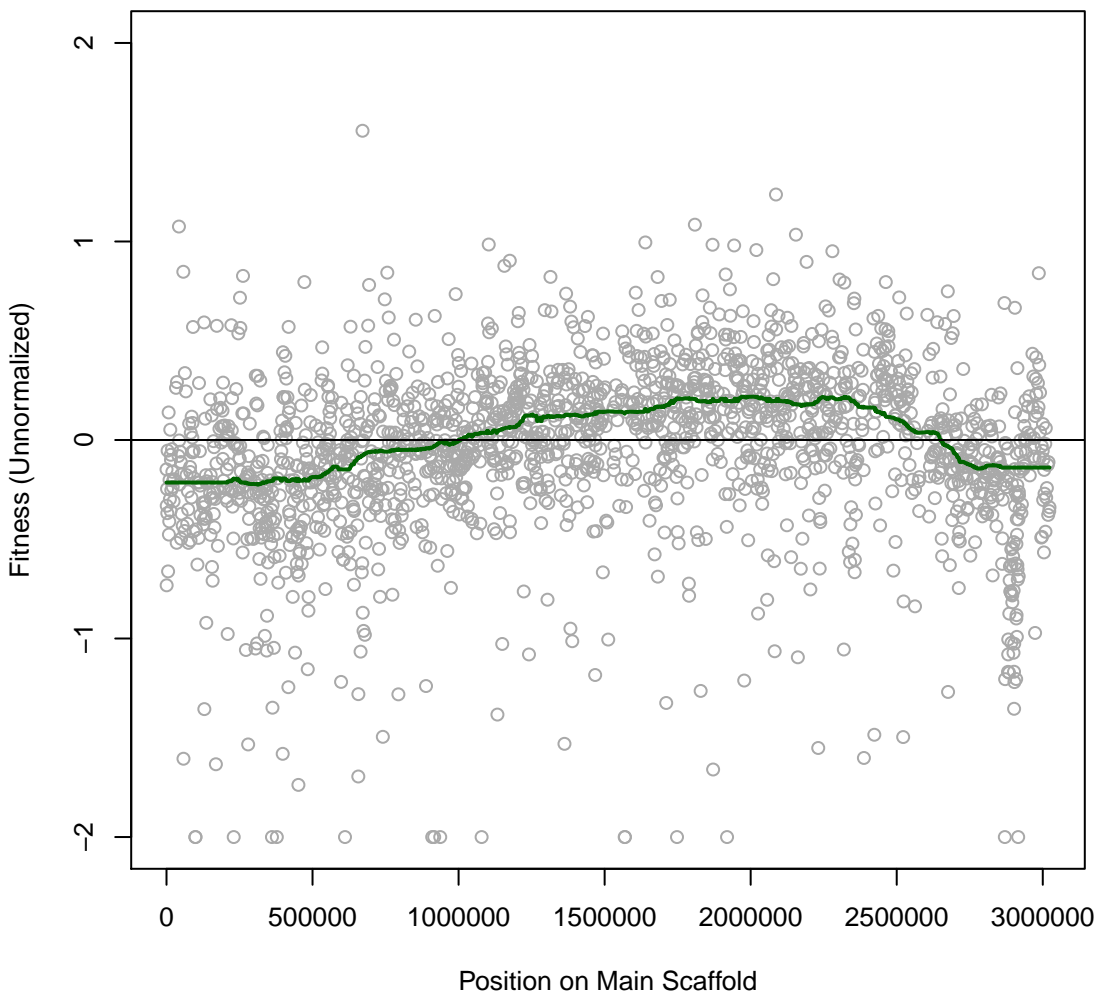


azobra 2IT028 #52 (gMed=253 rho12=0.260)

L-Citrulline (N)

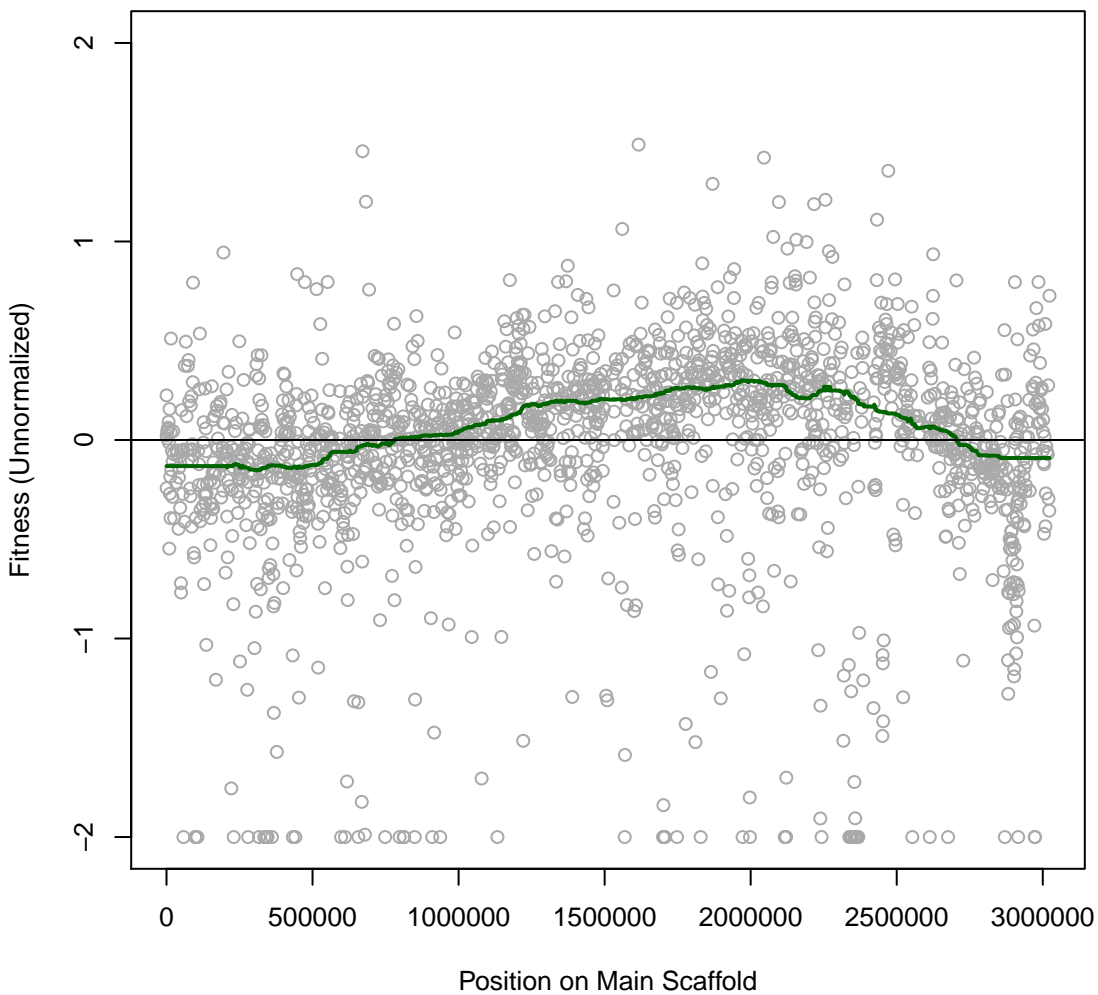


azobra 2IT029 #53 (gMed=262 rho12=0.177)
casaminos (N)

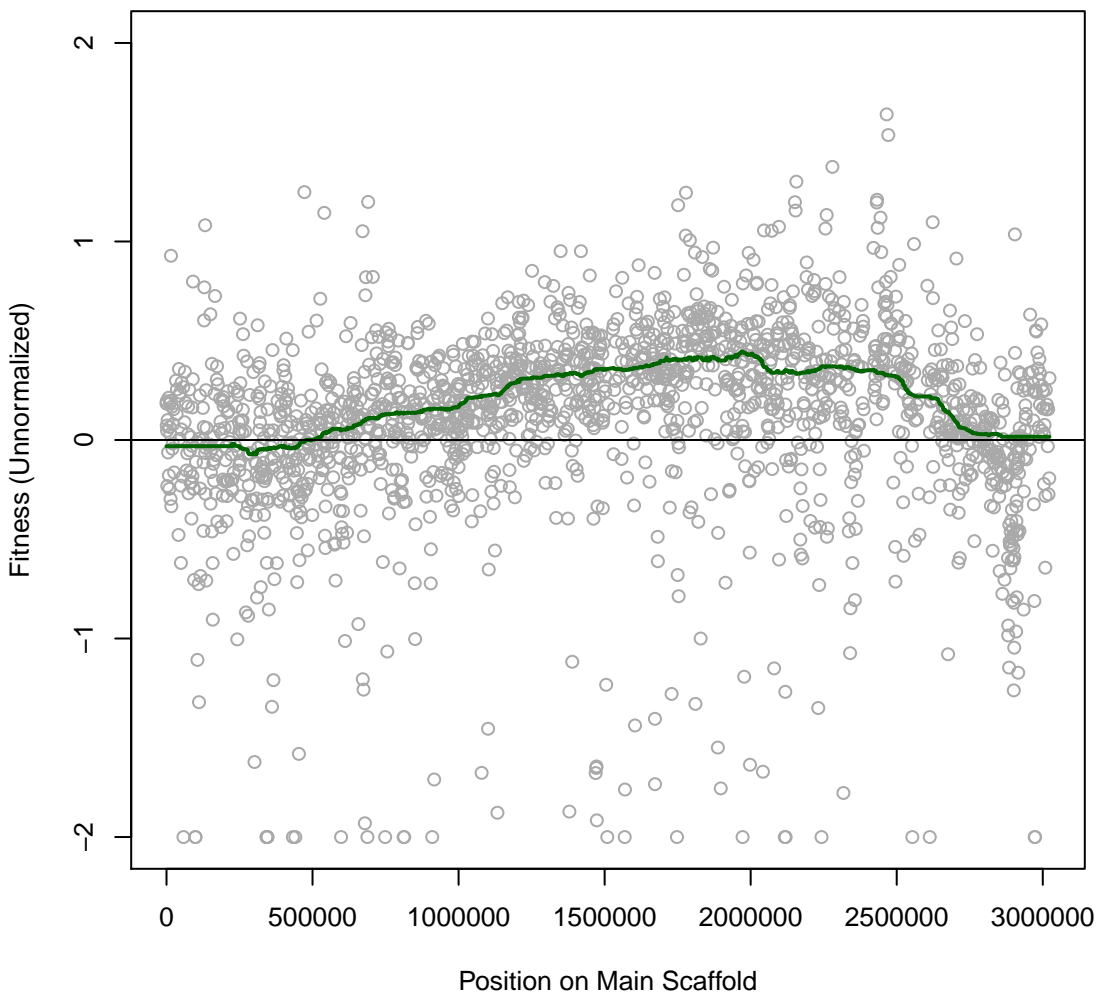


azobra 2IT030 #54 (gMed=254 rho12=0.288)

Parabanic Acid (N)

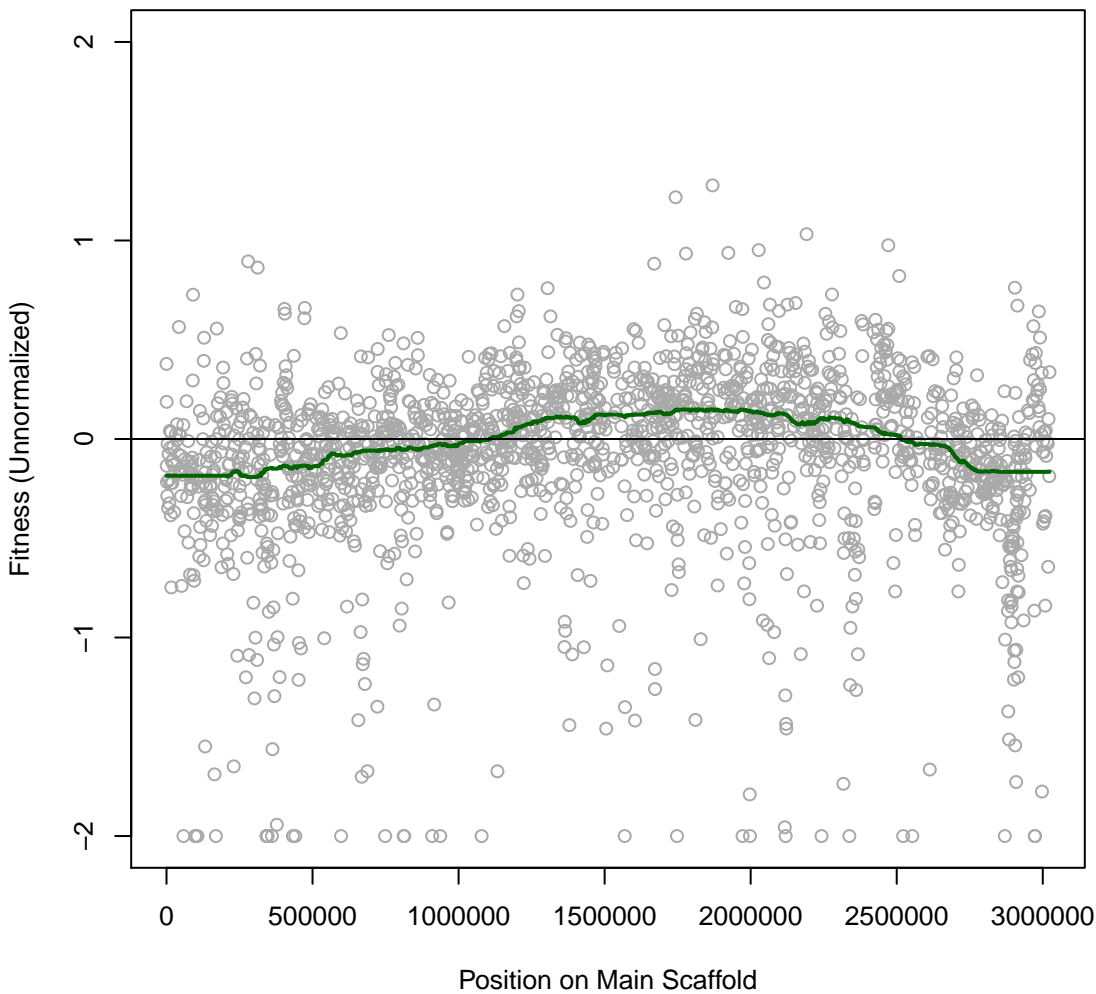


azobra 2IT031 #55 (gMed=305 rho12=0.313)
Cytosine (N)



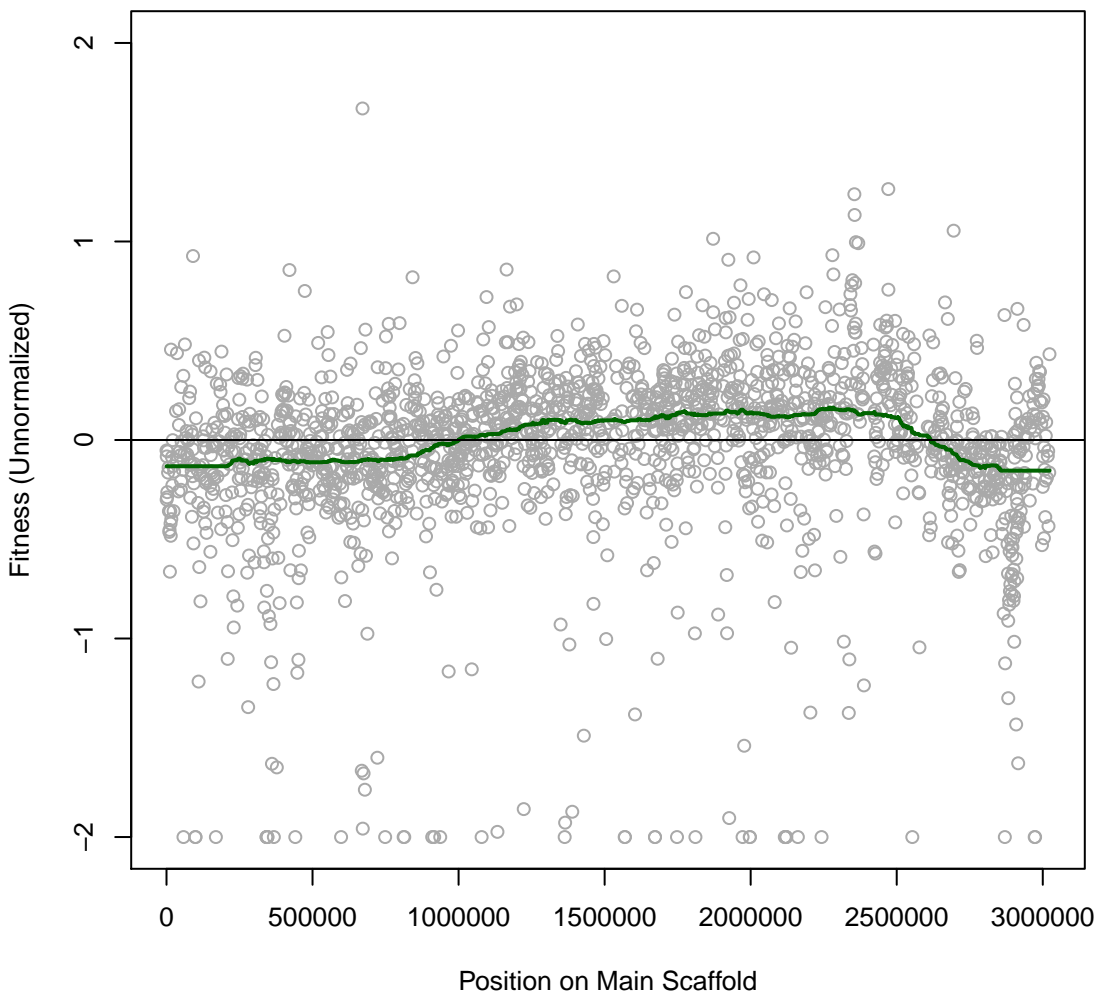
azobra 2IT032 #56 (gMed=265 rho12=0.254)

Glucuronamide (N)

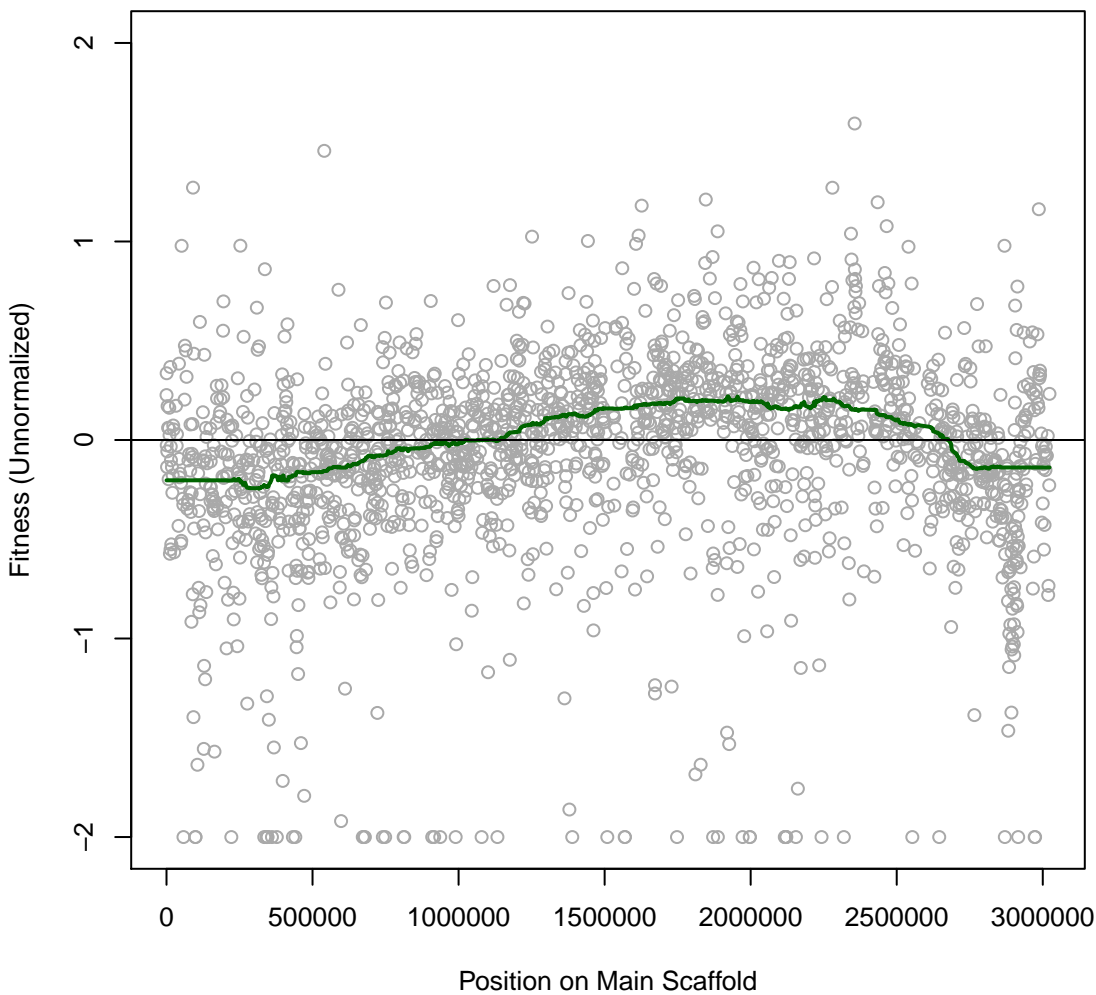


azobra 2IT033 #57 (gMed=253 rho12=0.176)

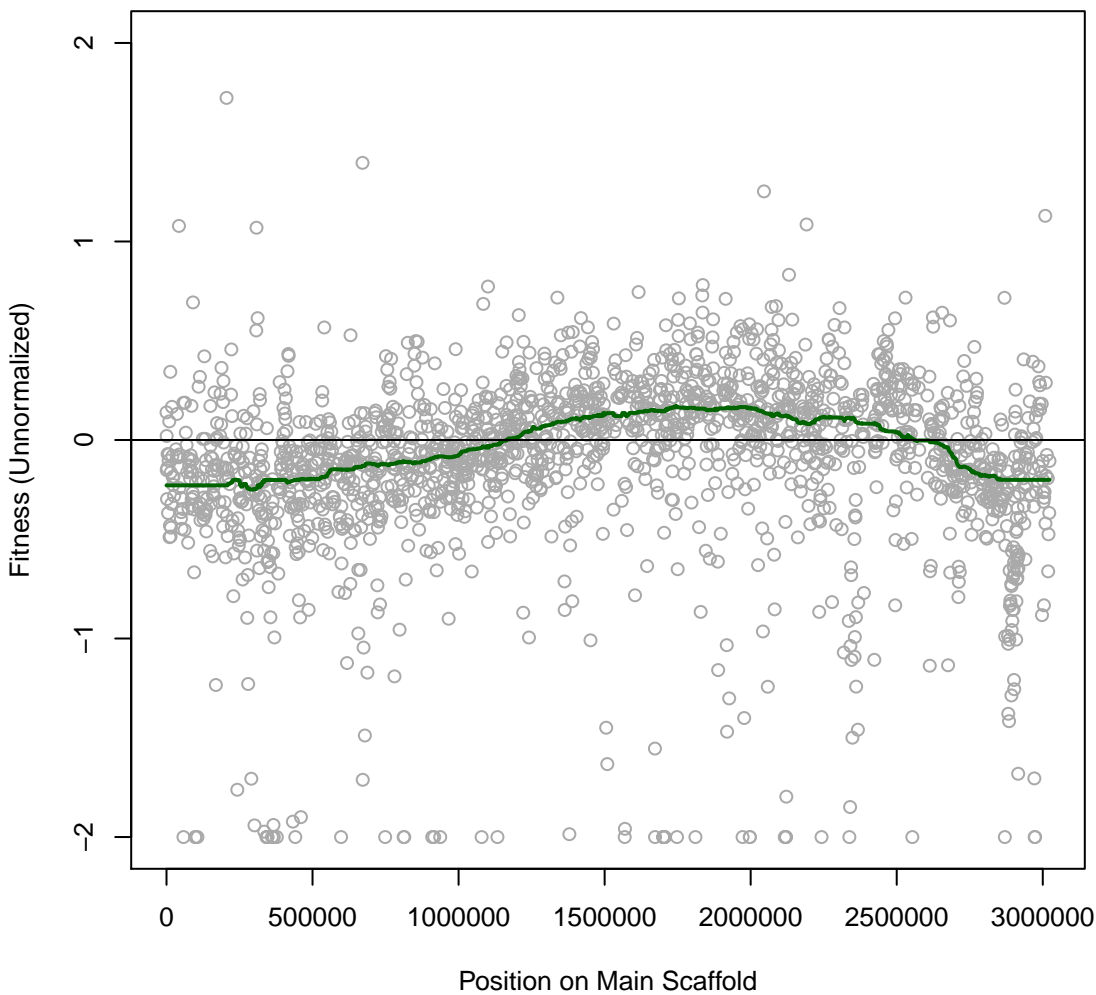
Ammonium chloride (N)



azobra 2IT034 #58 (gMed=267 rho12=0.212)
nitrate (N)

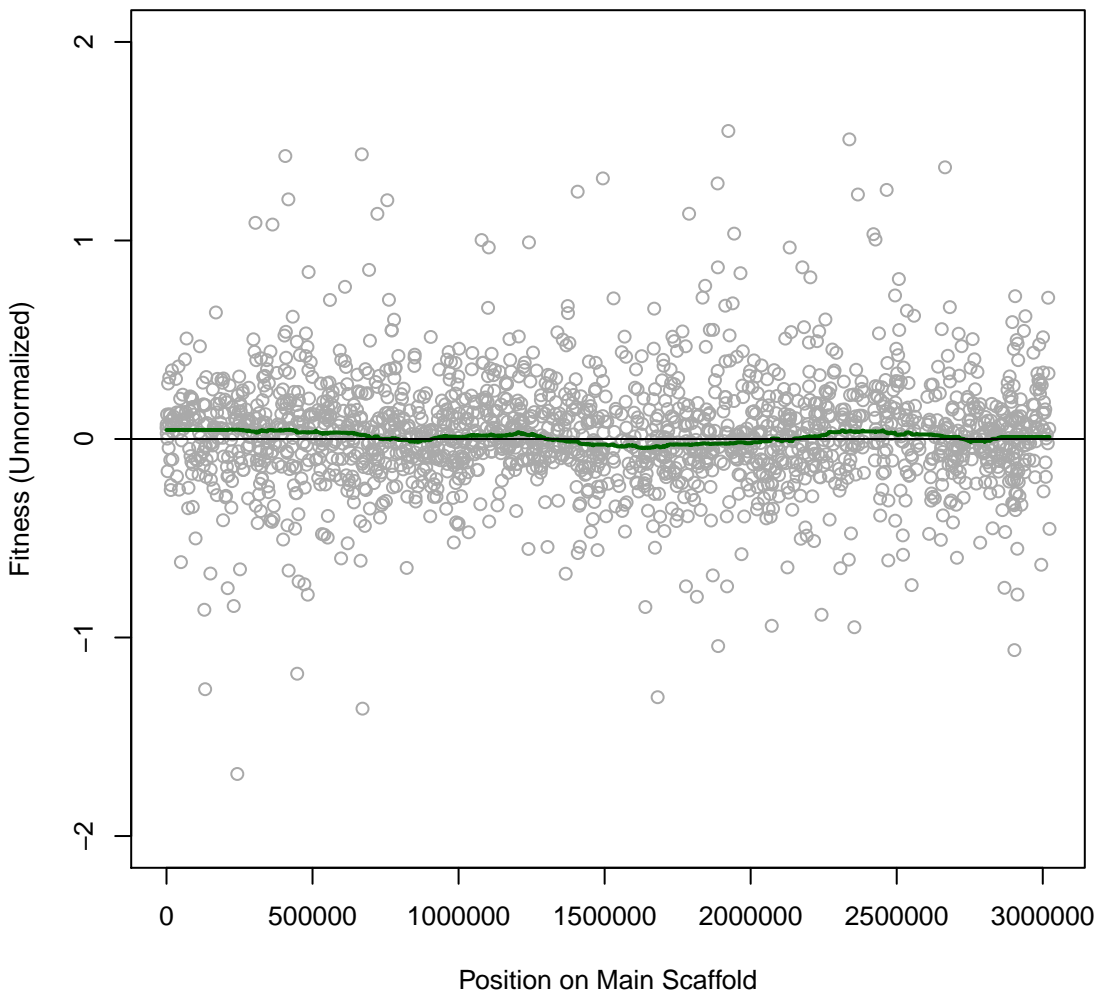


azobra 2IT035 #59 (gMed=300 rho12=0.258)
Urea (N)



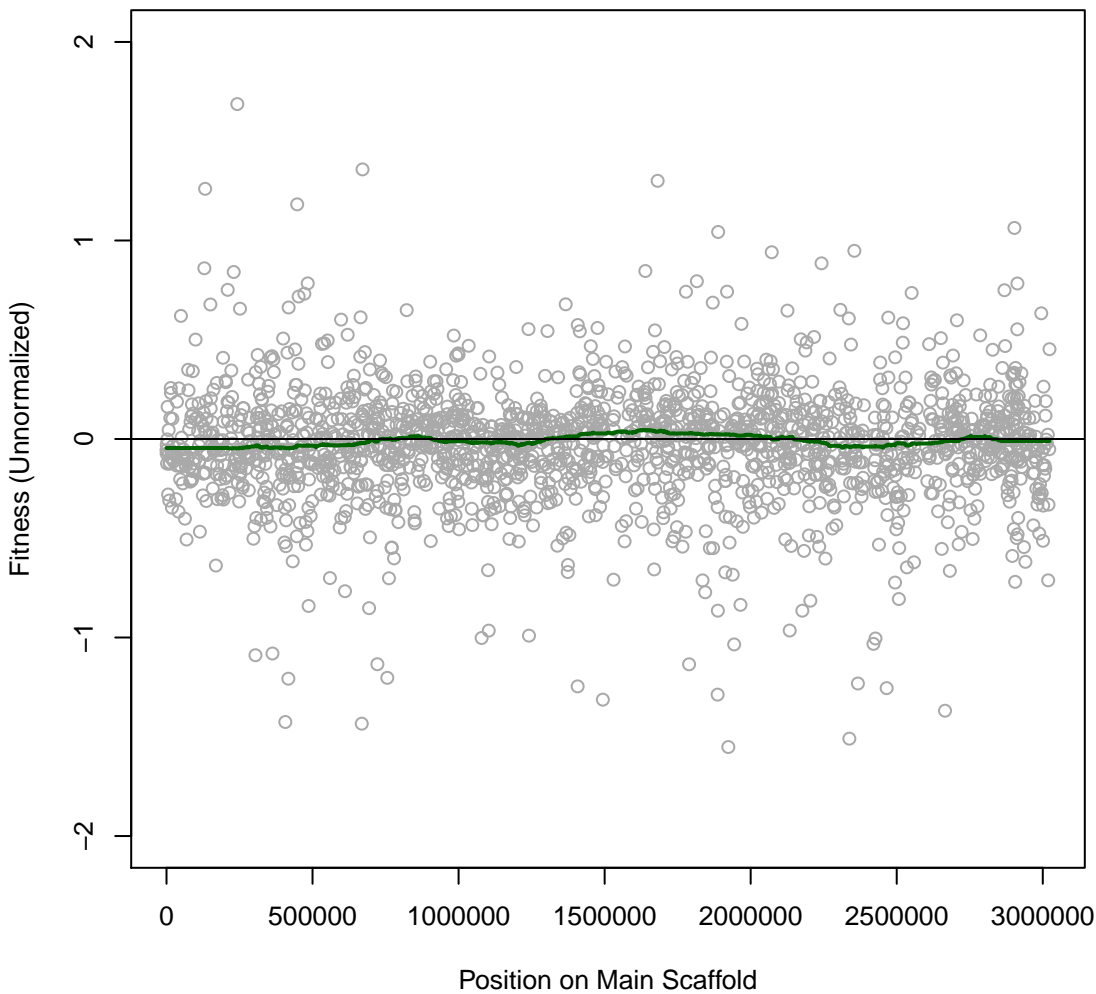
azobra 2IT036 #60 (gMed=248 rho12=0.028)

Time0



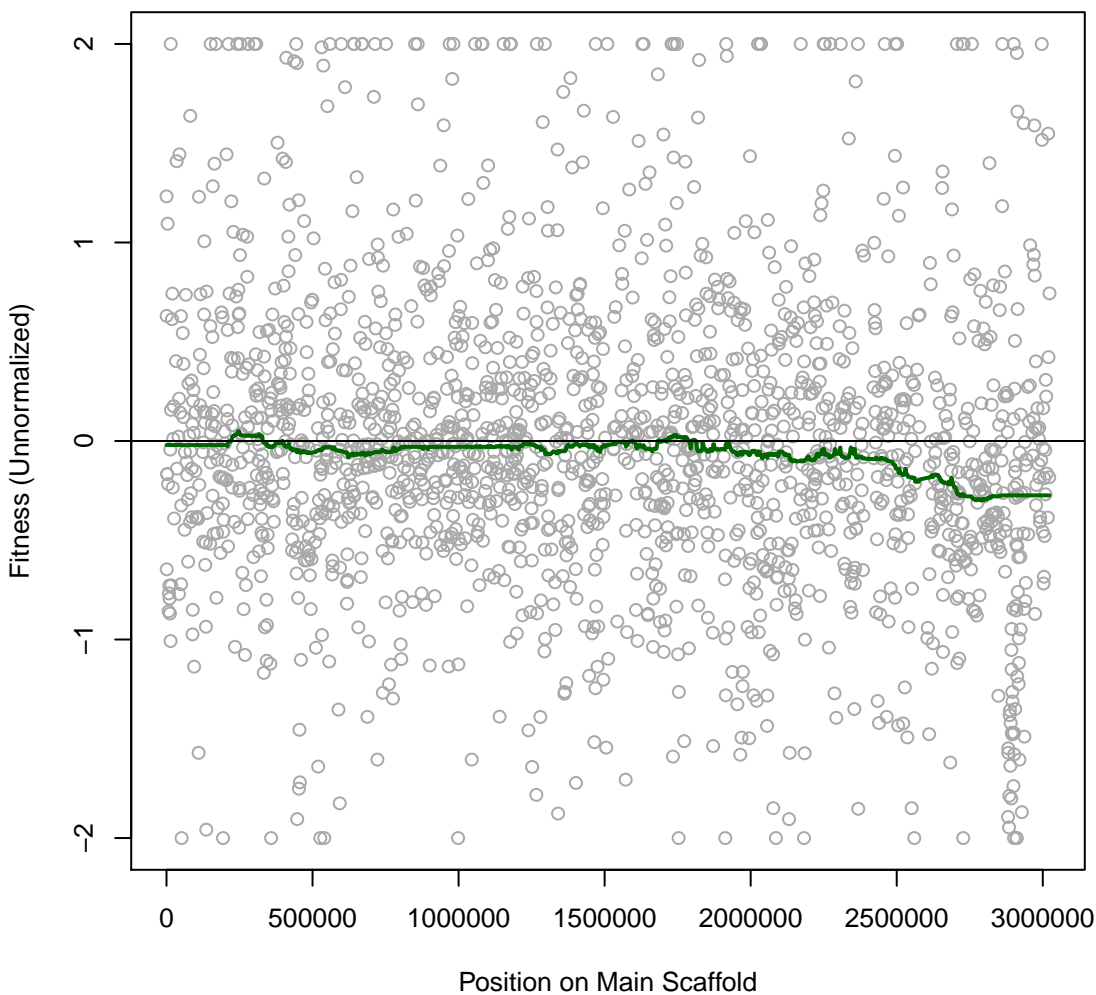
azobra 2IT037 #61 (gMed=243 rho12=0.028)

Time0



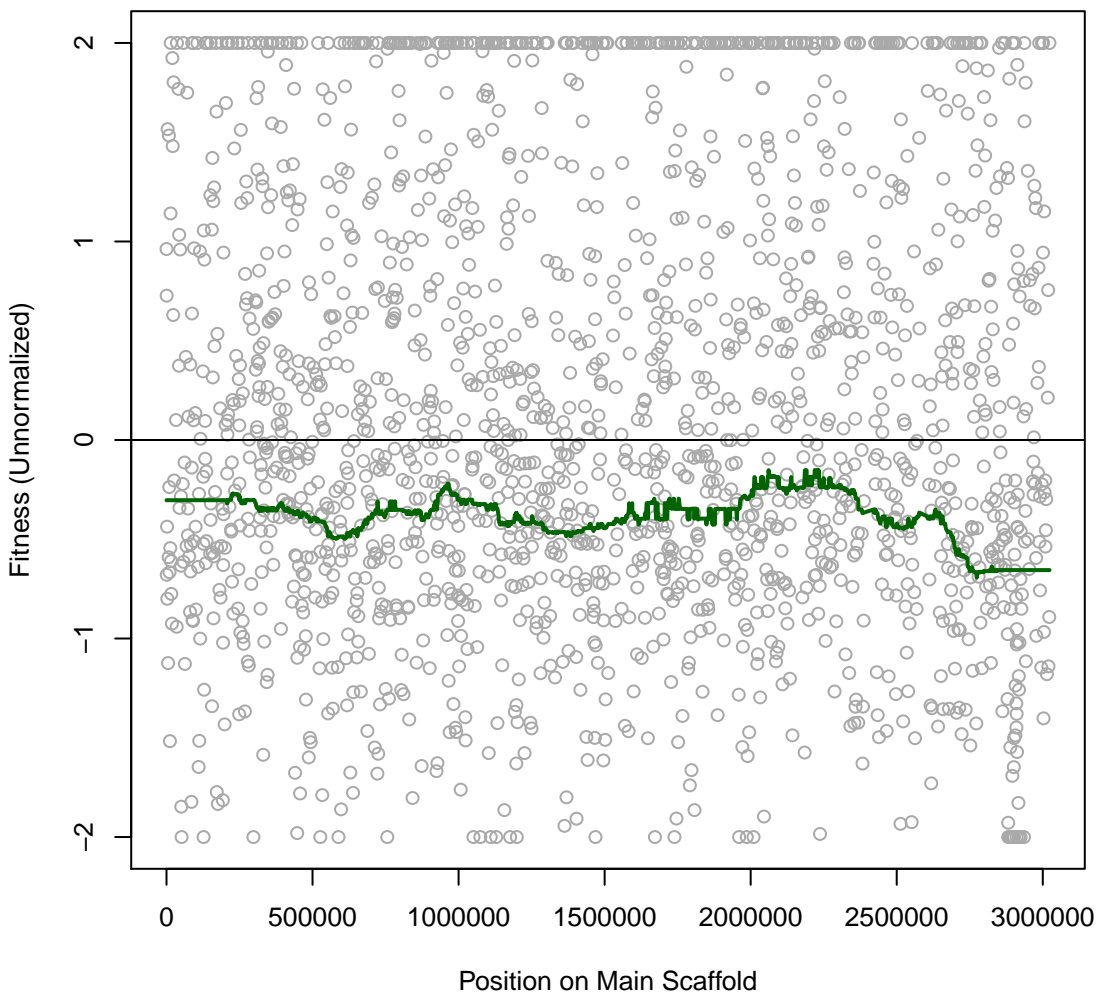
azobra 2IT038 #62 (gMed=15 rho12=0.065)

Chloramphenicol 0.001 mg/ml



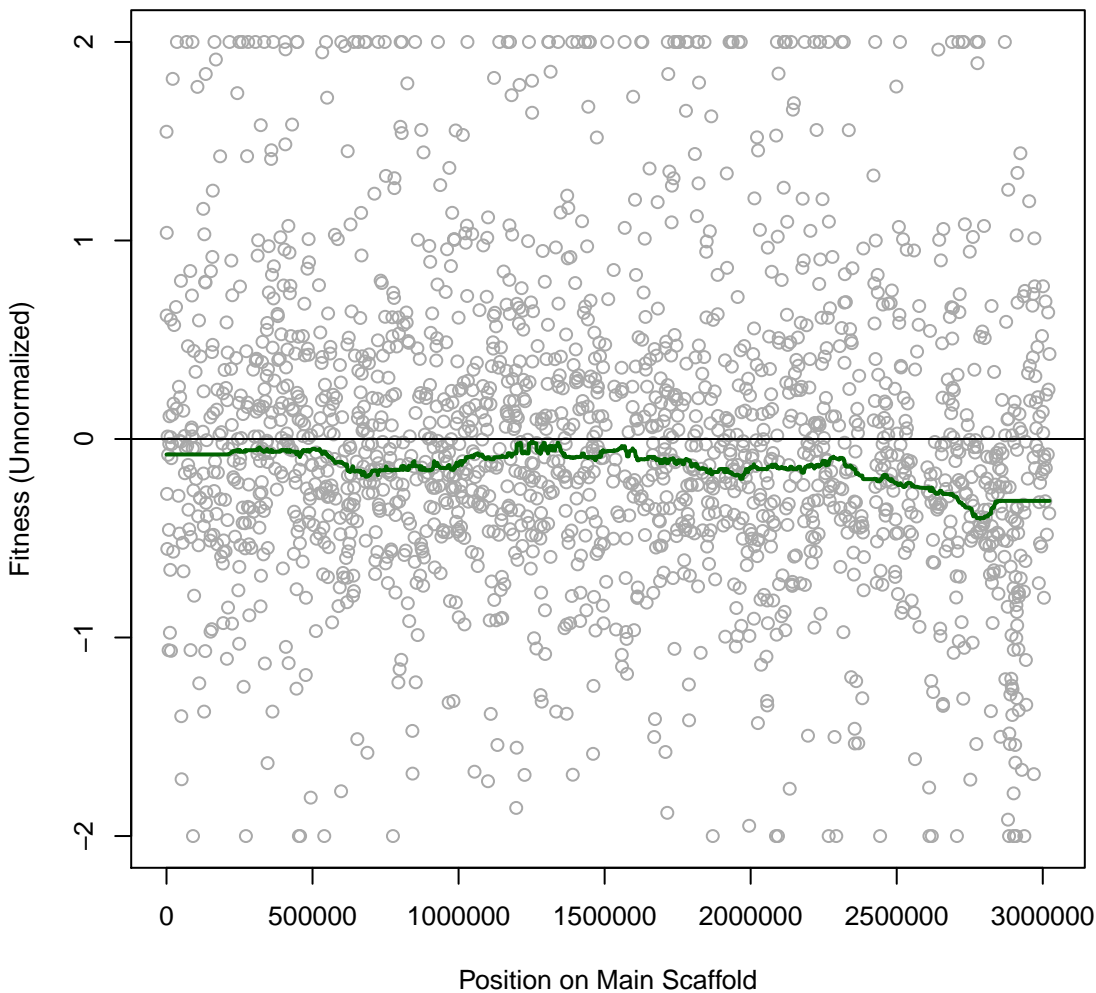
azobra 2IT039 #63 (gMed=14 rho12=0.042)

Tetracycline 0.00001 mg/ml



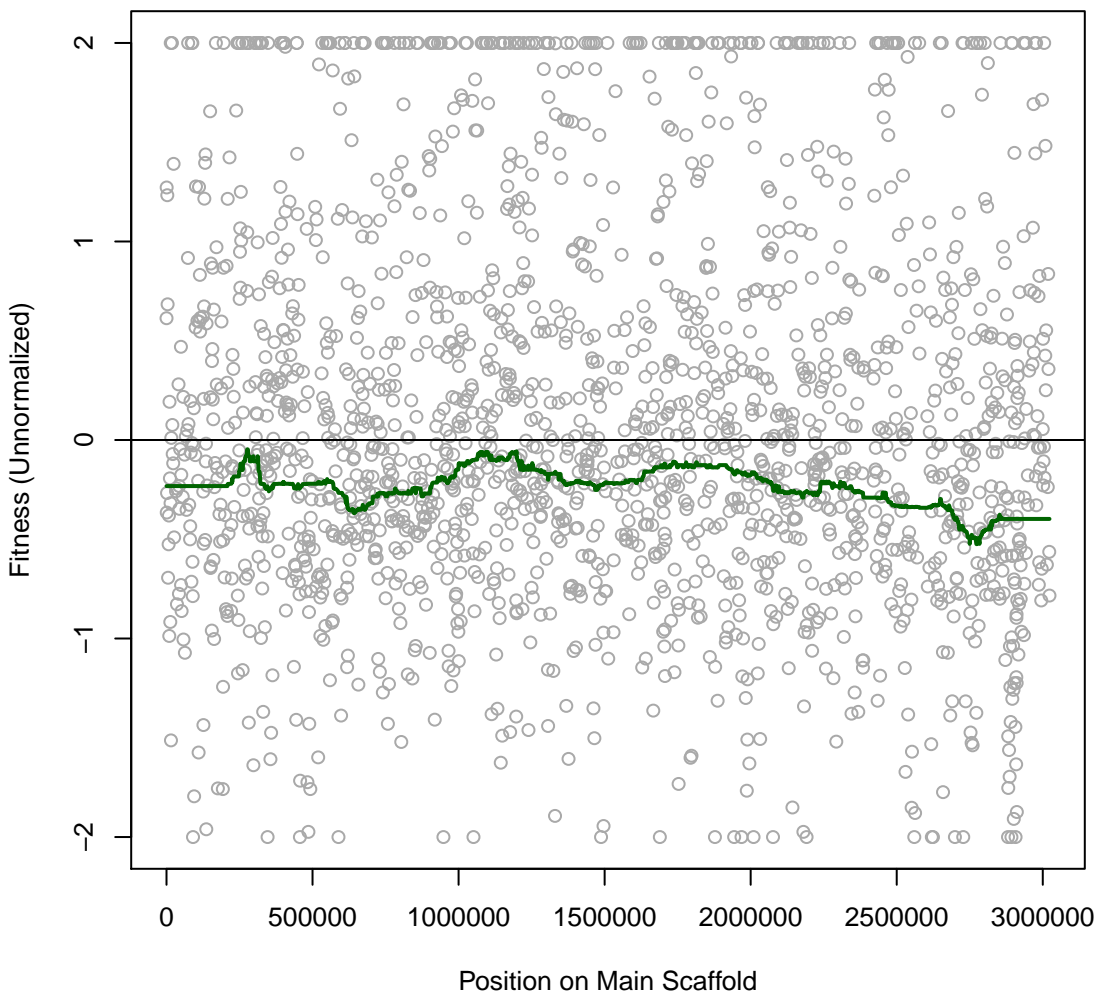
azobra 2IT040 #64 (gMed=18 rho12=0.073)

Spectinomycin 0.02 mg/ml

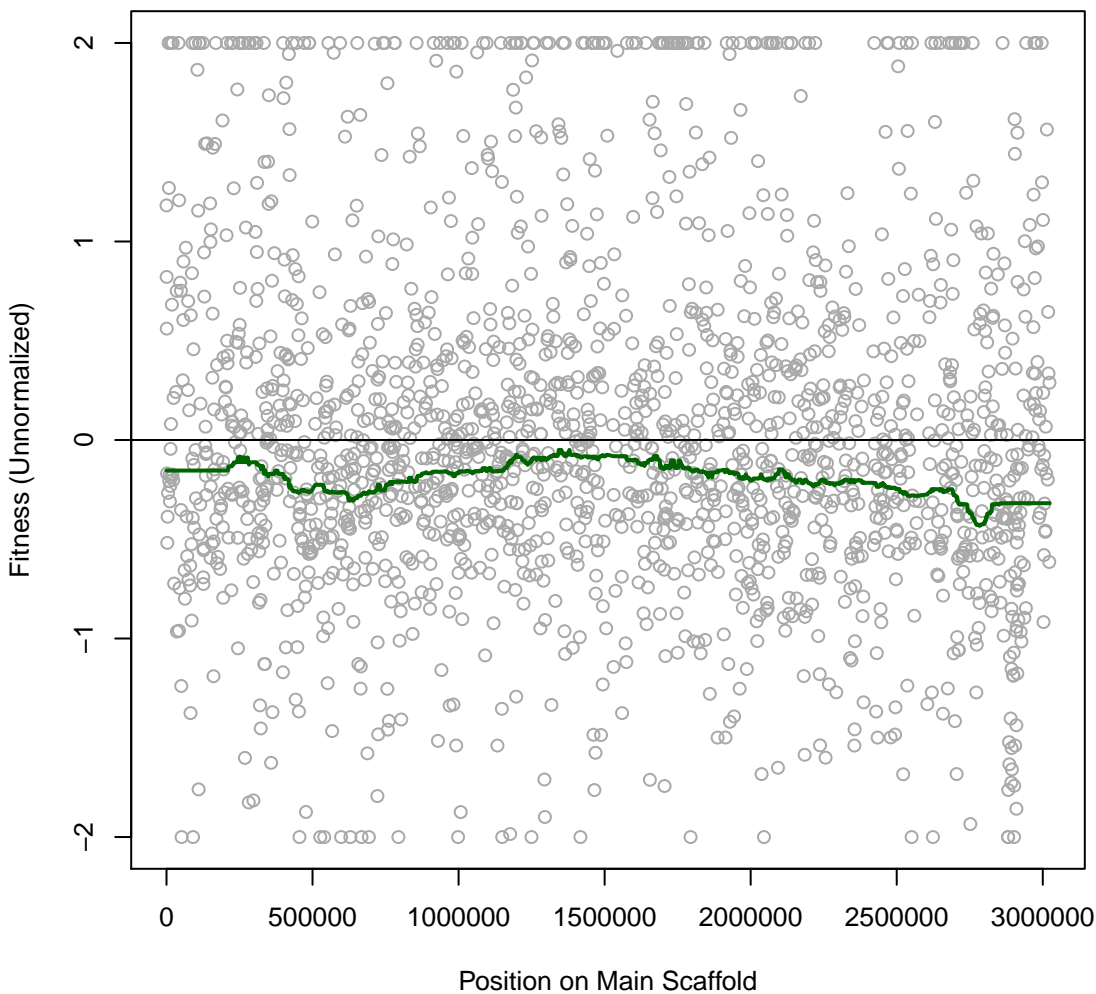


azobra 2IT041 #65 (gMed=14 rho12=0.089)

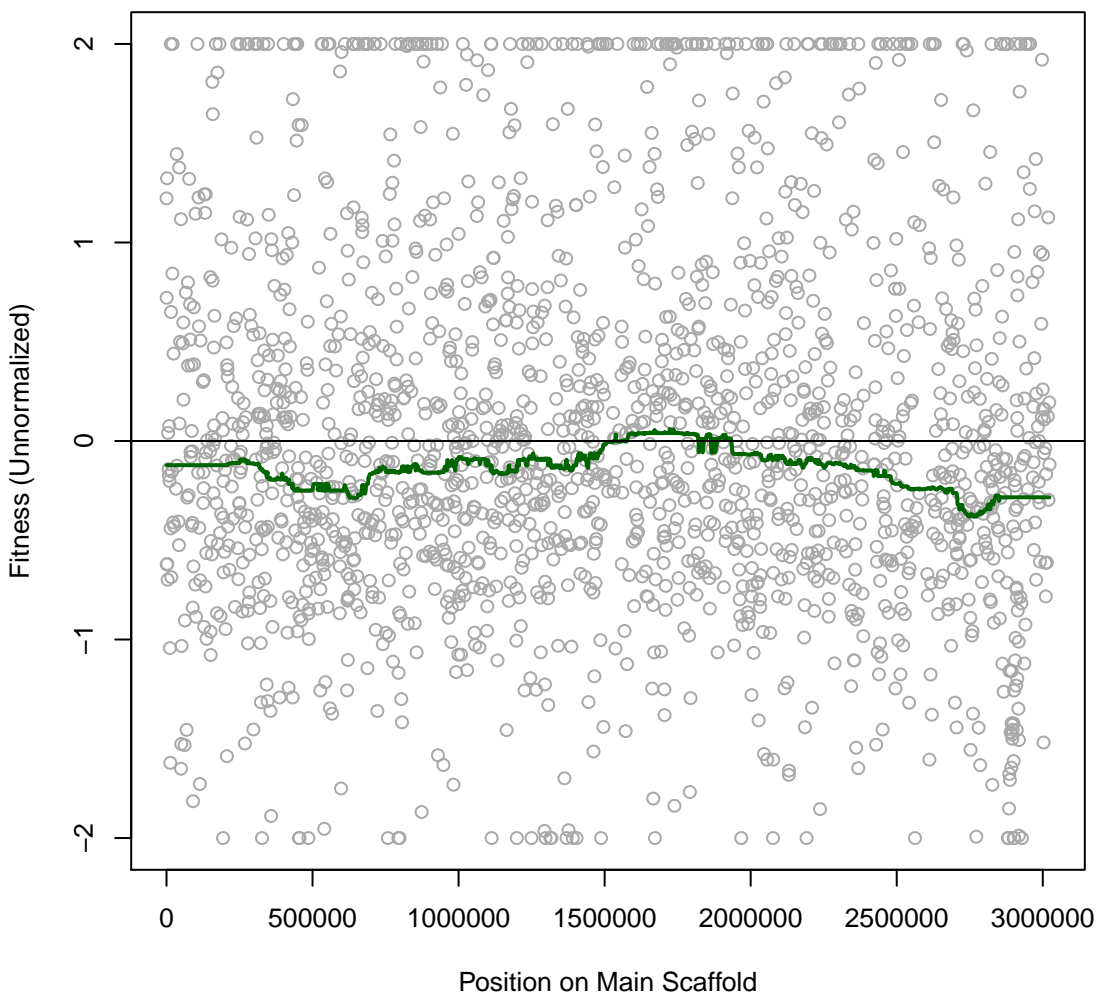
Gentamicin 0.008 mg/ml



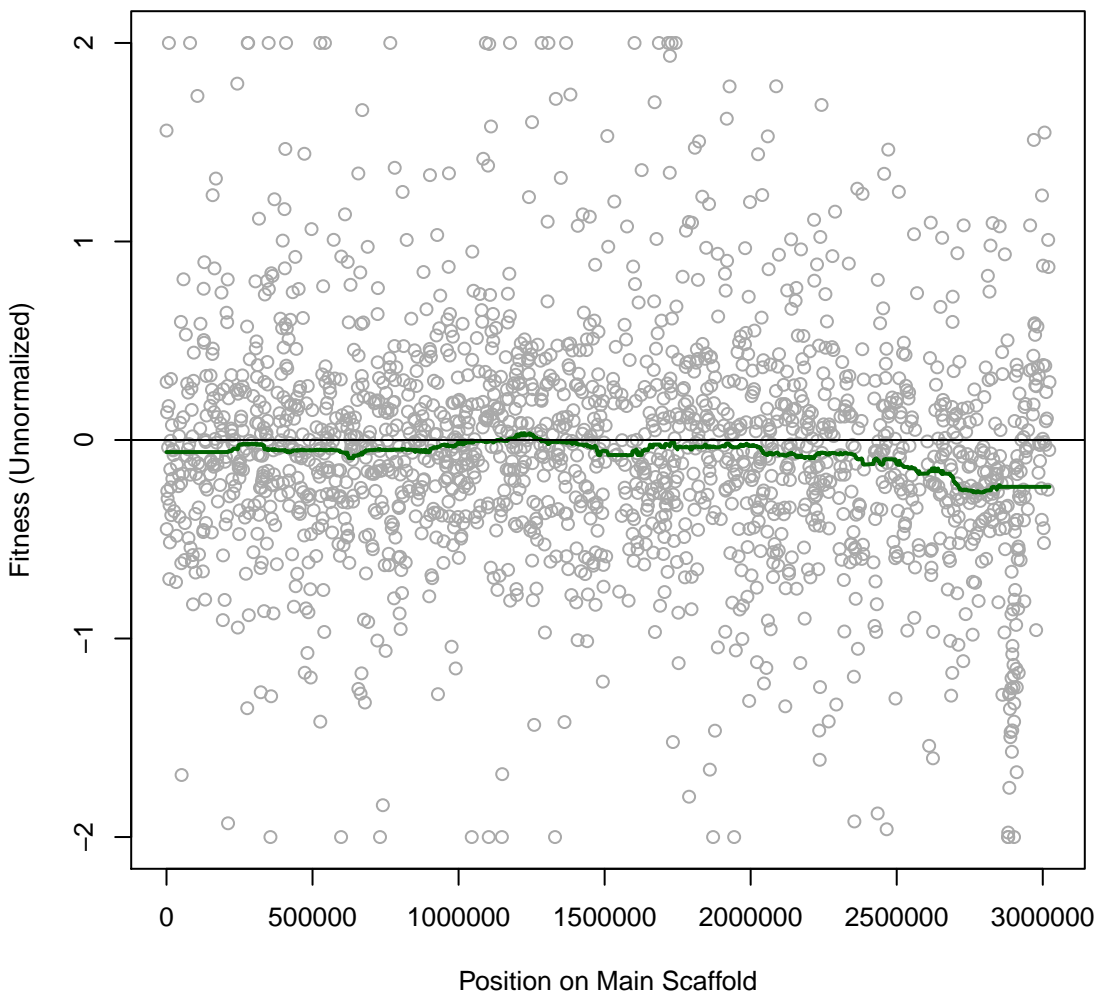
azobra 2IT042 #66 (gMed=18 rho12=0.032)
methylglyoxal 0.004 vol%



azobra 2IT043 #67 (gMed=11 rho12=0.048)
methylglyoxal 0.008 vol%

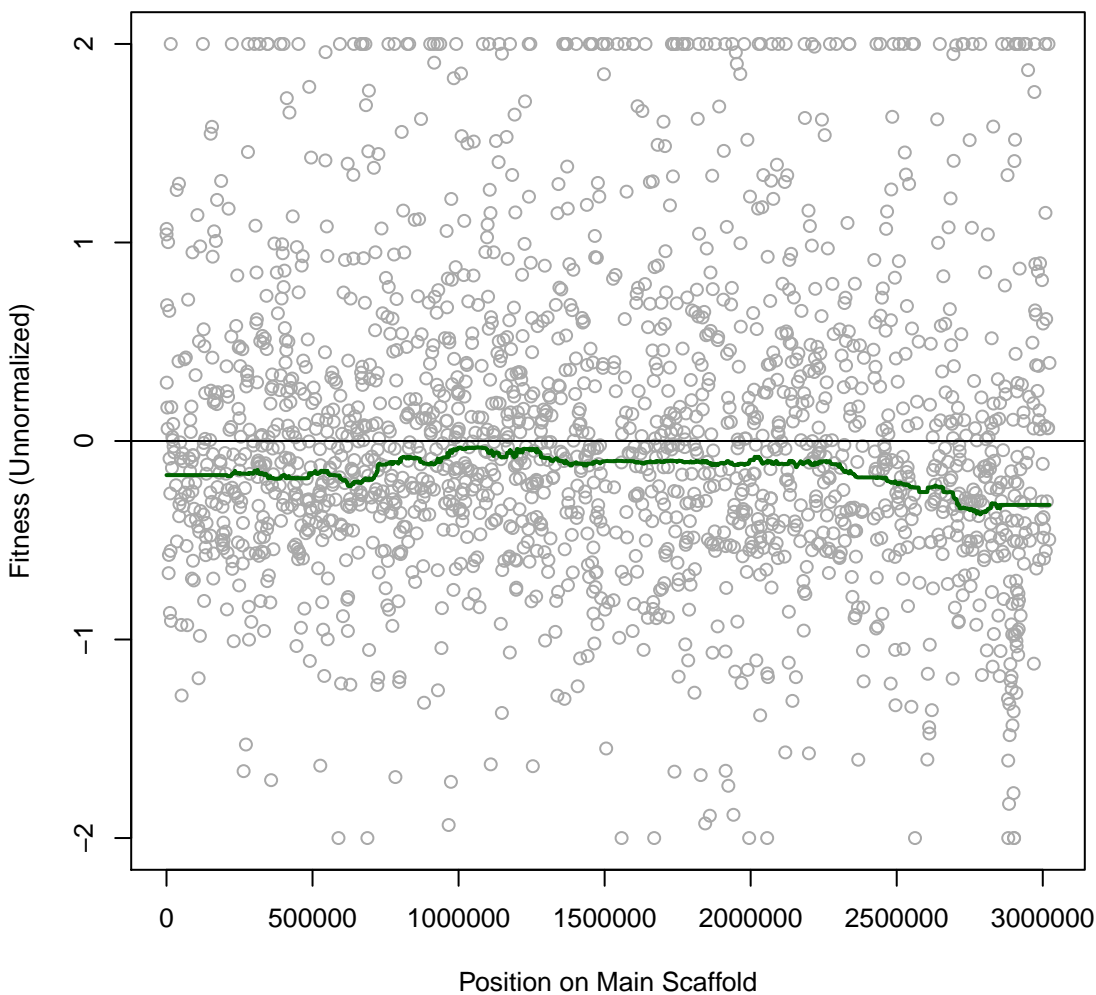


azobra 2IT044 #68 (gMed=29 rho12=0.069)
methylglyoxal 0.016 vol%

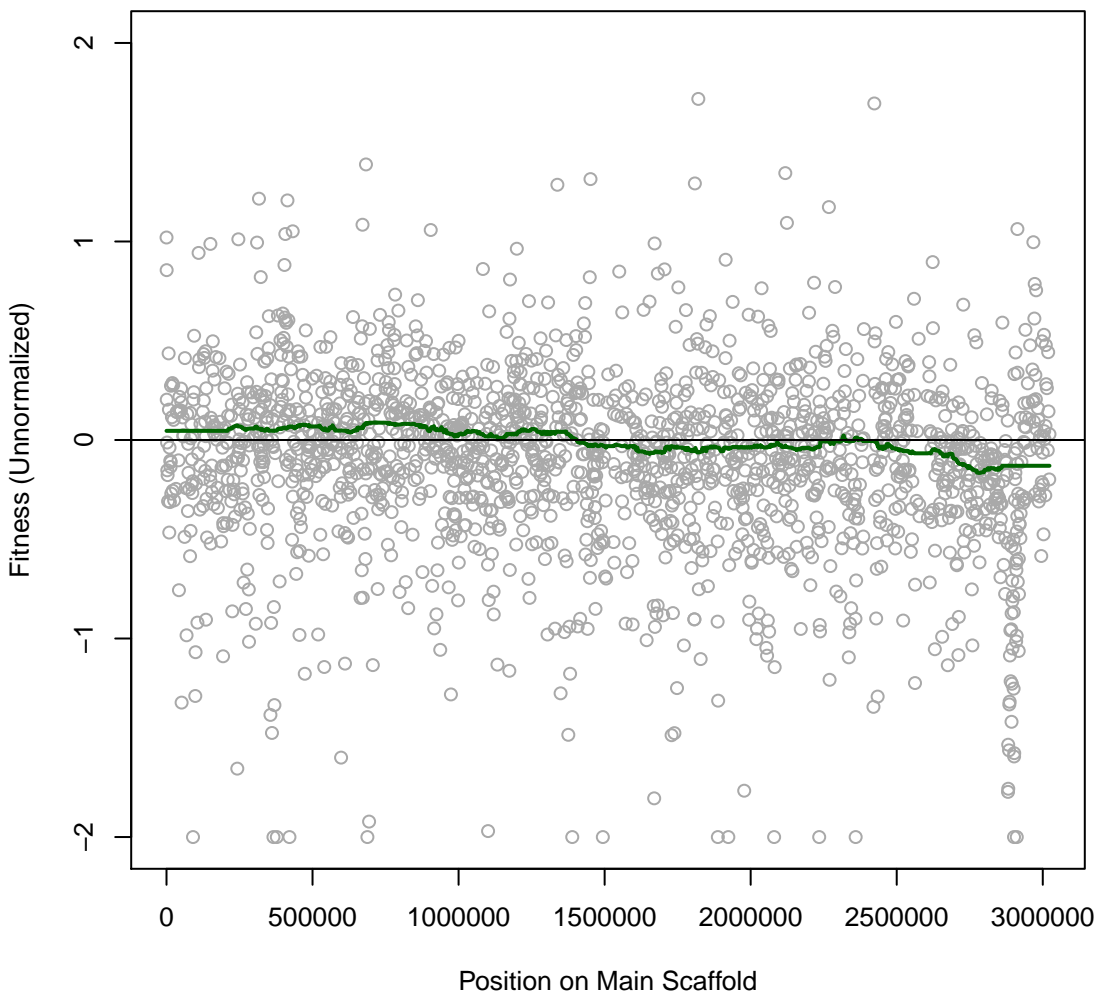


azobra 2IT045 #69 (gMed=36 rho12=0.063)

2-Furfuraldehyde 0.03 vol%

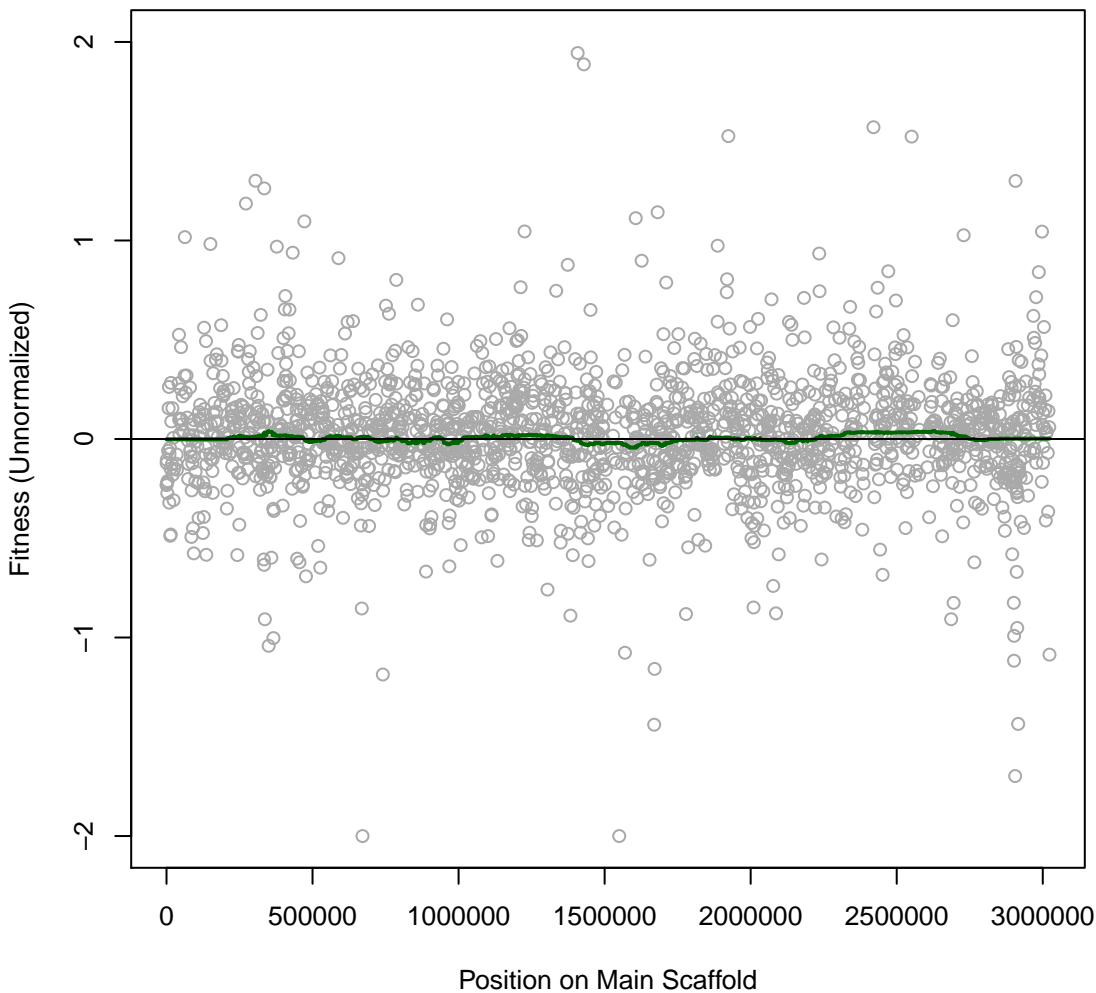


azobra 2IT046 #70 (gMed=215 rho12=0.111)
2-Furfuraldehyde 0.2 vol%



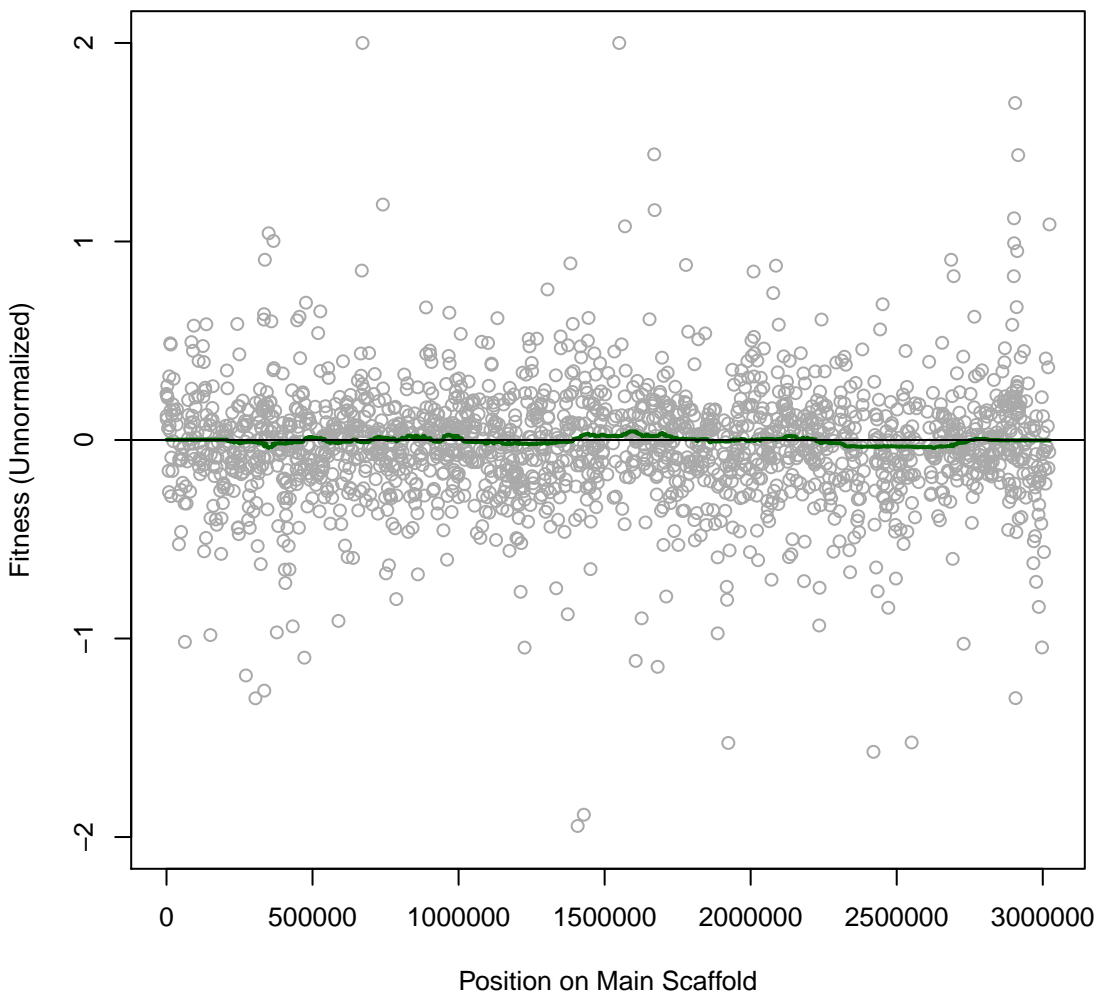
azobra 2IT047 #71 (gMed=231 rho12=0.057)

Time0

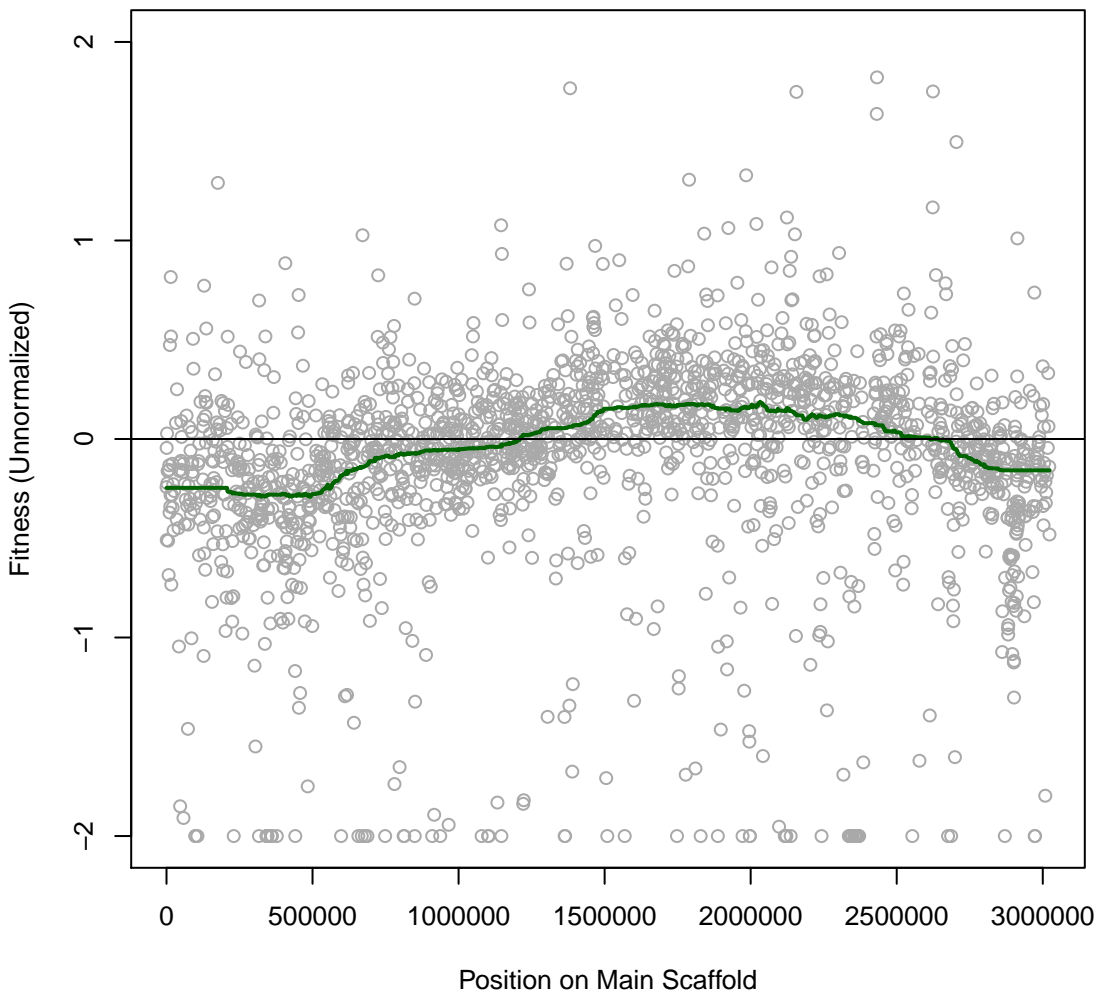


azobra 2IT048 #72 (gMed=221 rho12=0.057)

Time0

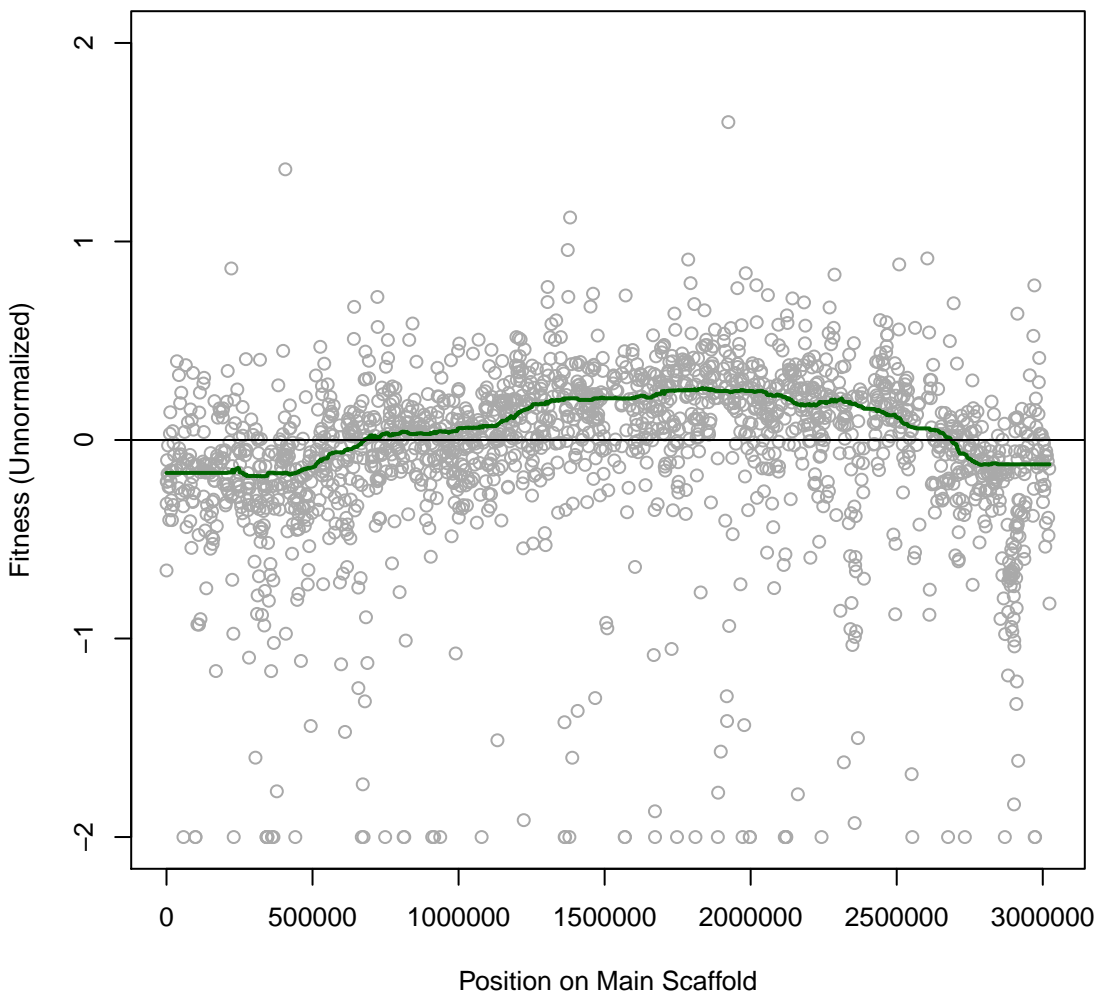


azobra 3IT049 #73 (gMed=315 rho12=0.347)
D-Gluconic Acid (C)



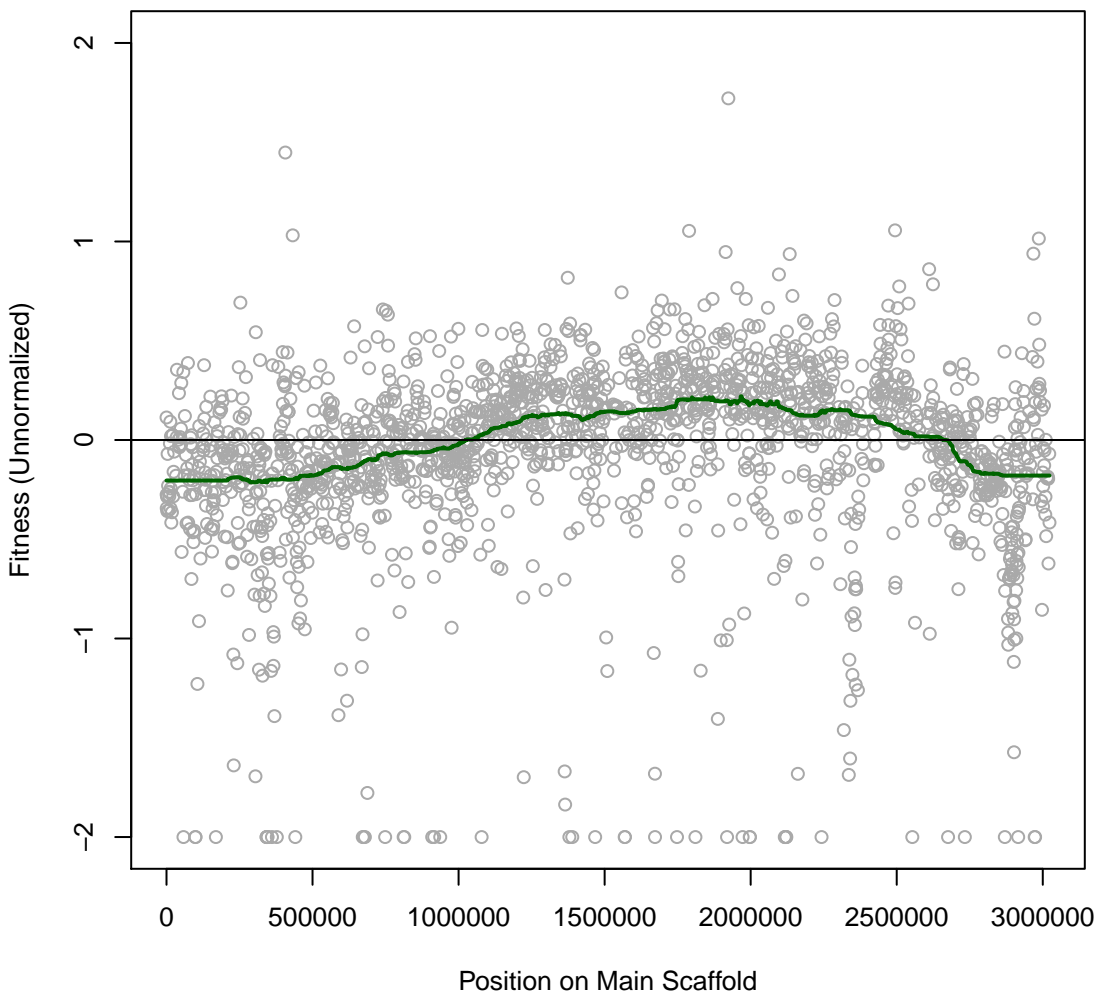
azobra 3IT050 #74 (gMed=320 rho12=0.261)

D-Lactate (C)

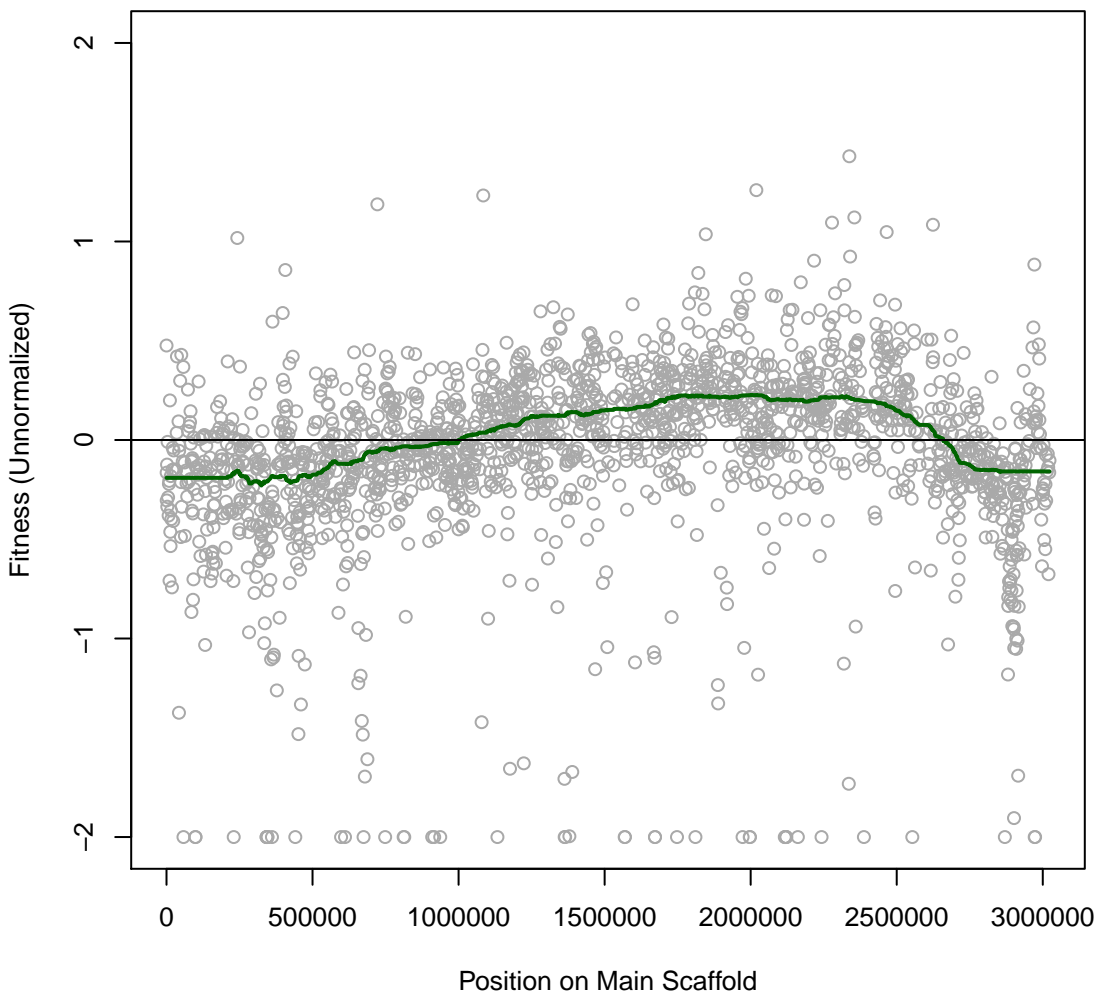


azobra 3IT051 #75 (gMed=322 rho12=0.298)

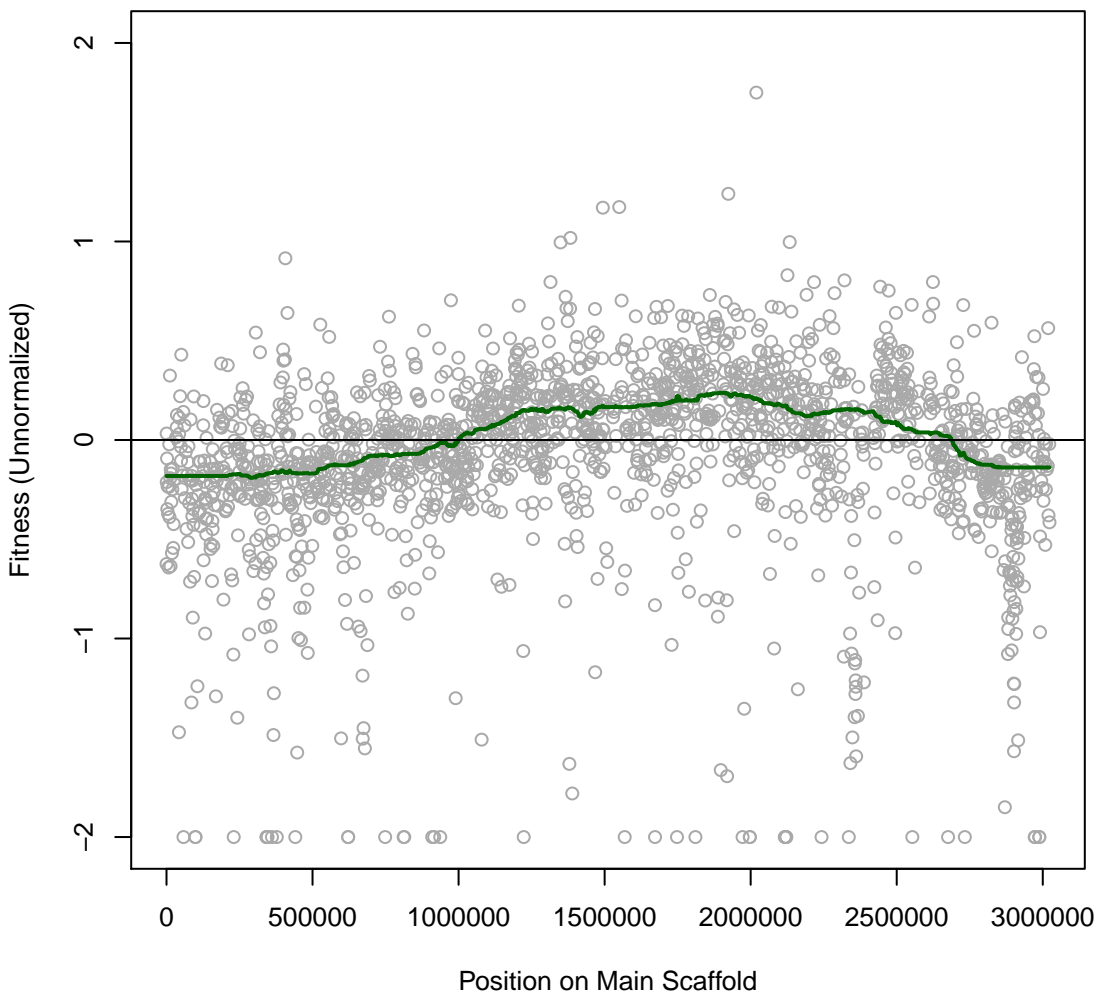
L-Lactate (C)



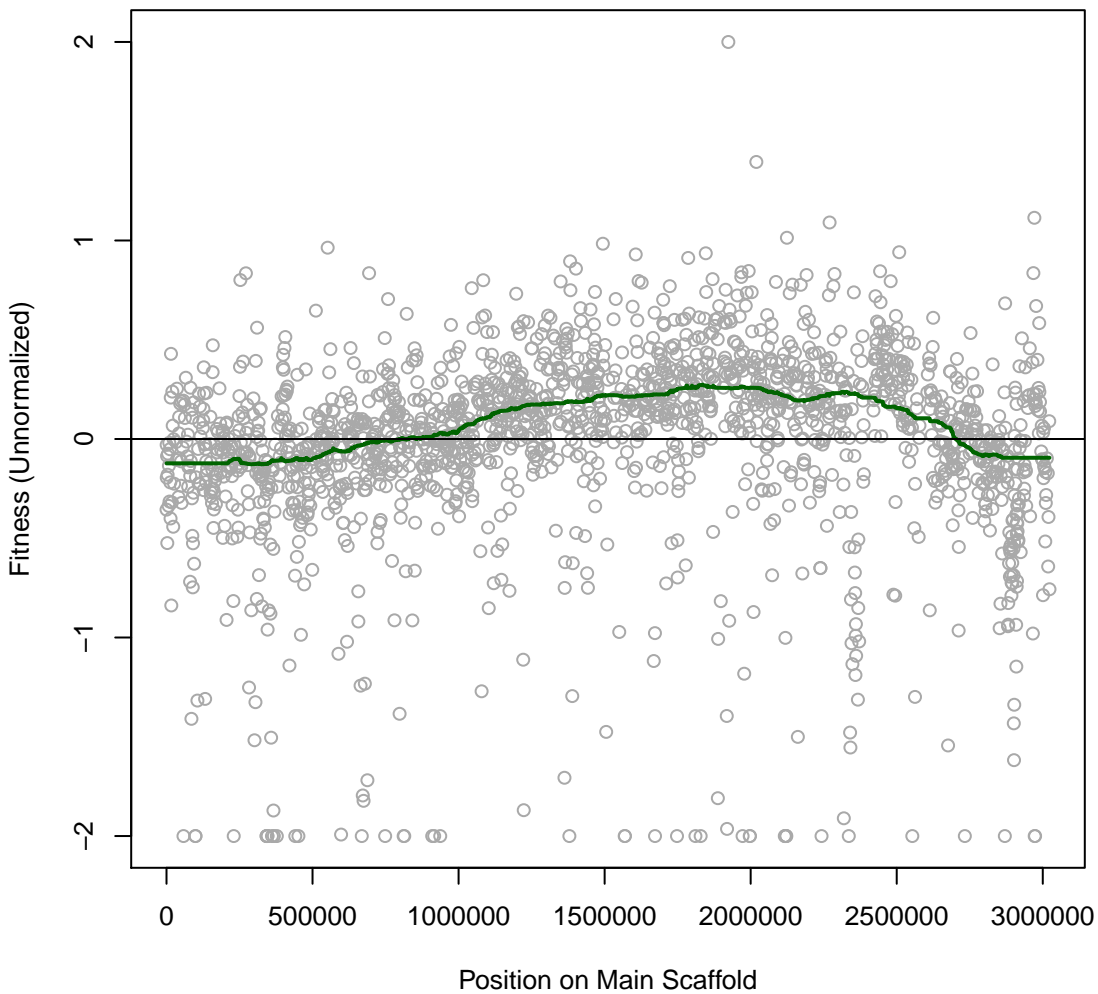
azobra 3IT052 #76 (gMed=278 rho12=0.245)
D,L-Lactate (C)



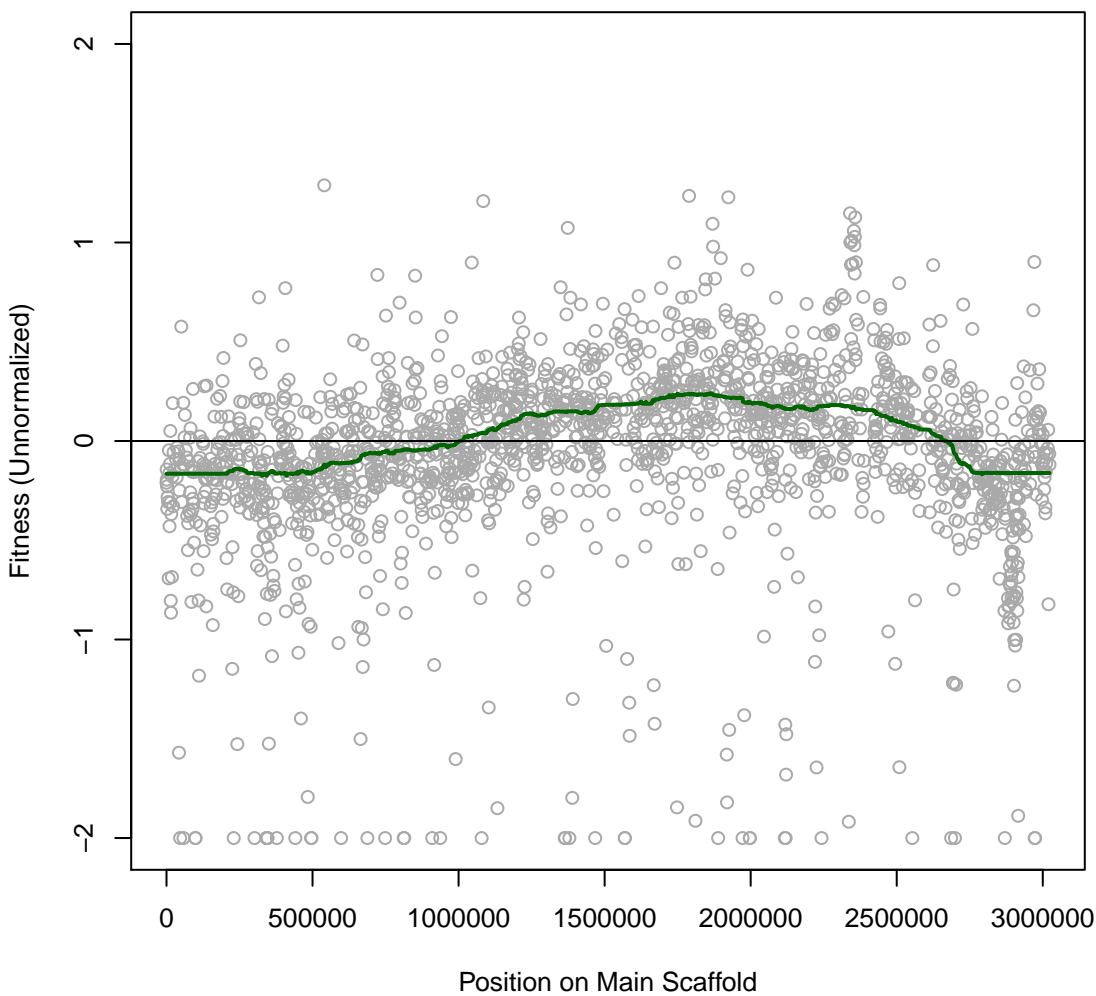
azobra 3IT053 #77 (gMed=293 rho12=0.276)
pyruvate (C)



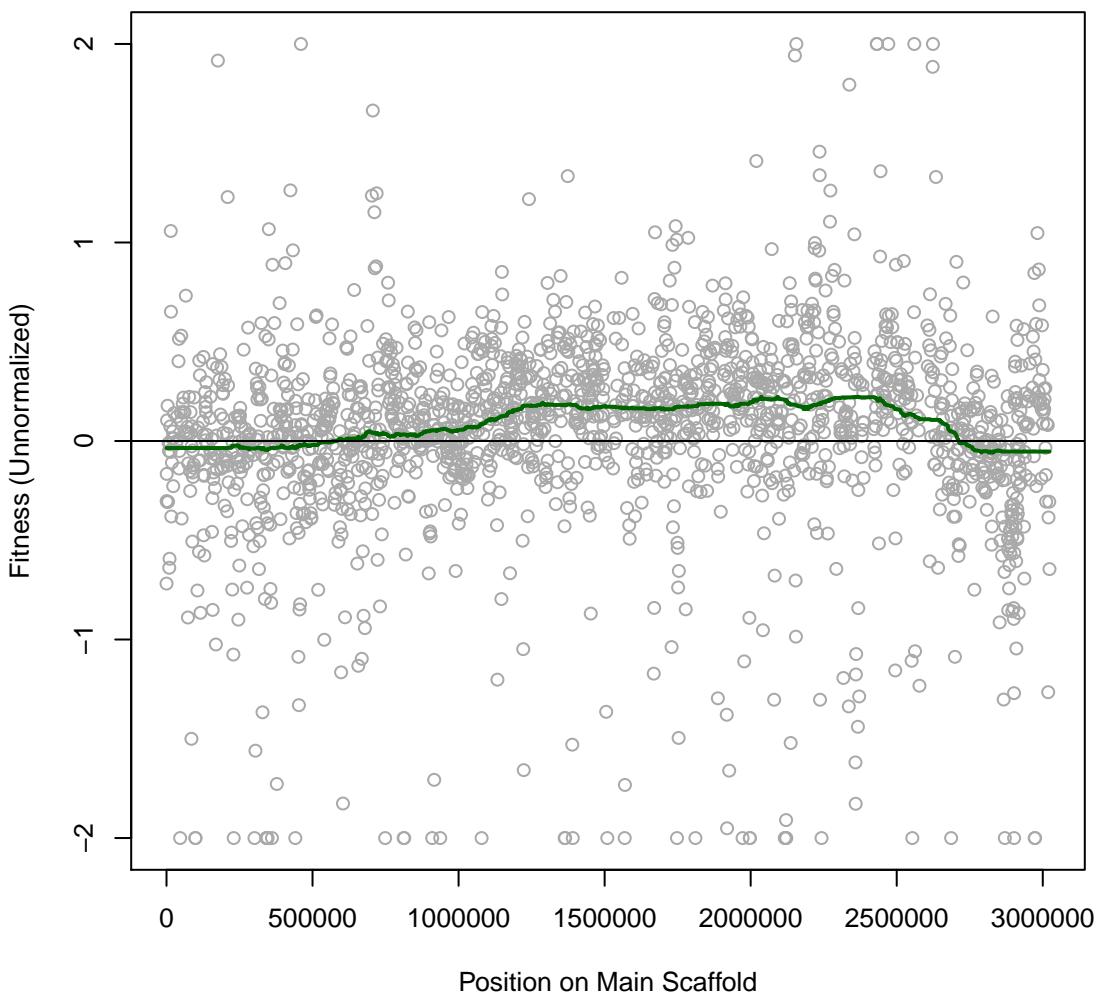
azobra 3IT054 #78 (gMed=304 rho12=0.265)
succinate (C)



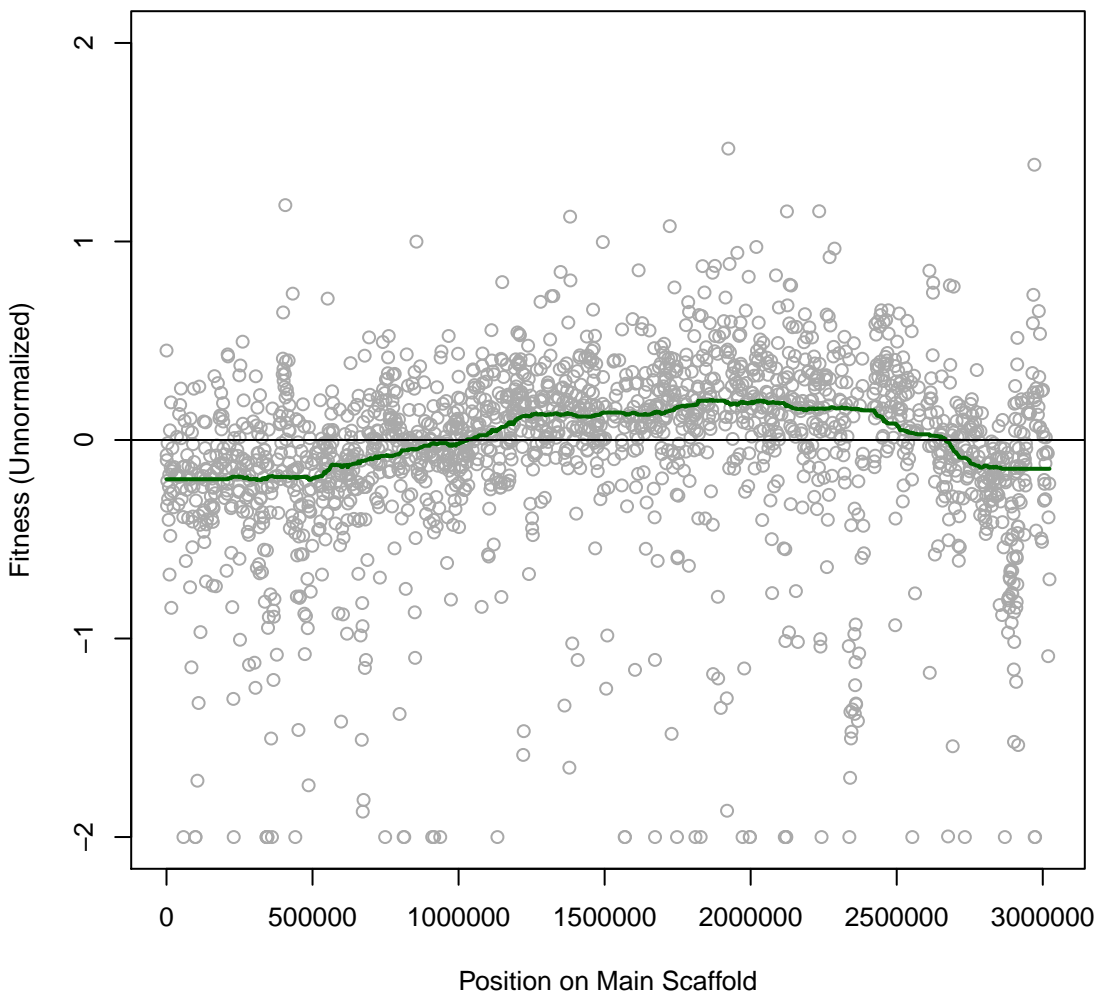
azobra 3IT055 #79 (gMed=319 rho12=0.275)
Ethanol (C)



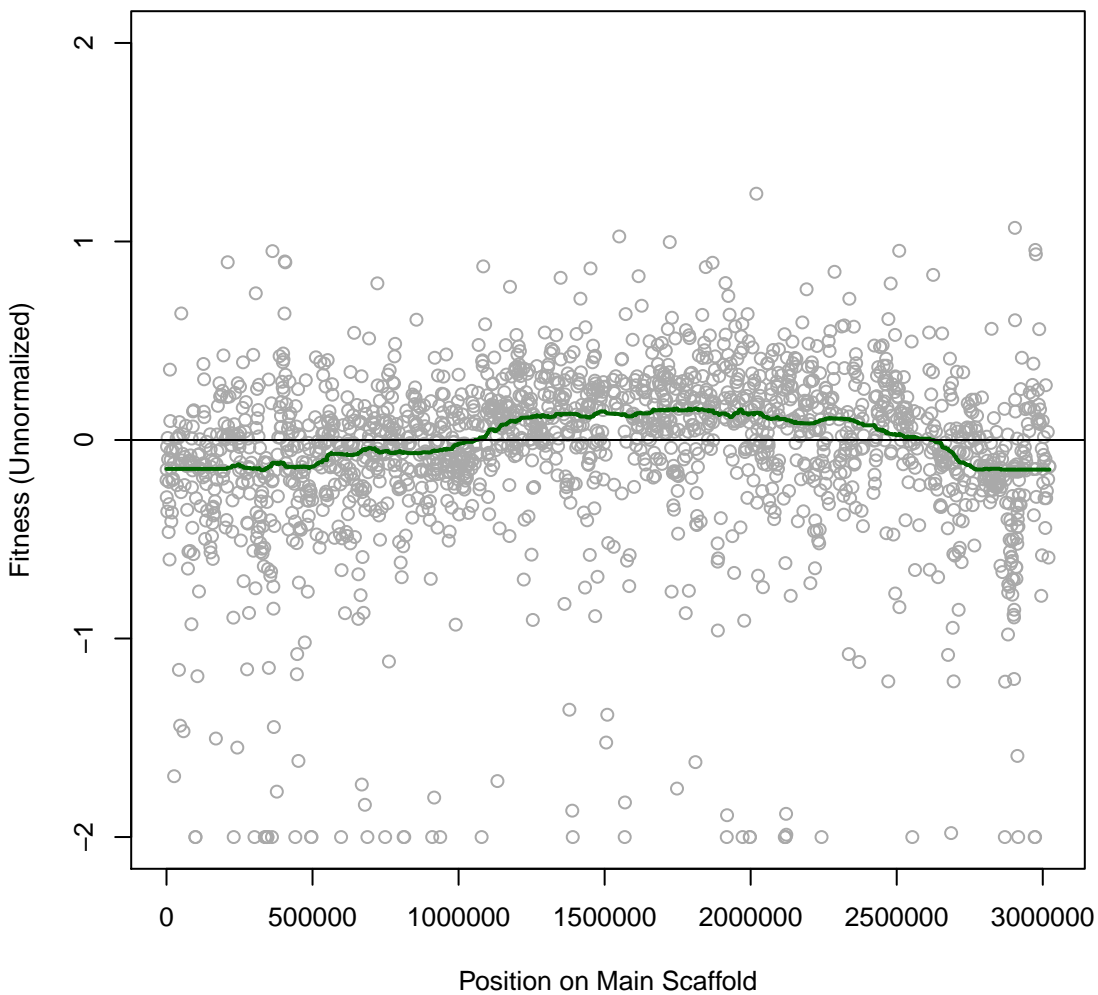
azobra 3IT056 #80 (gMed=310 rho12=0.344)
Glycerol (C)



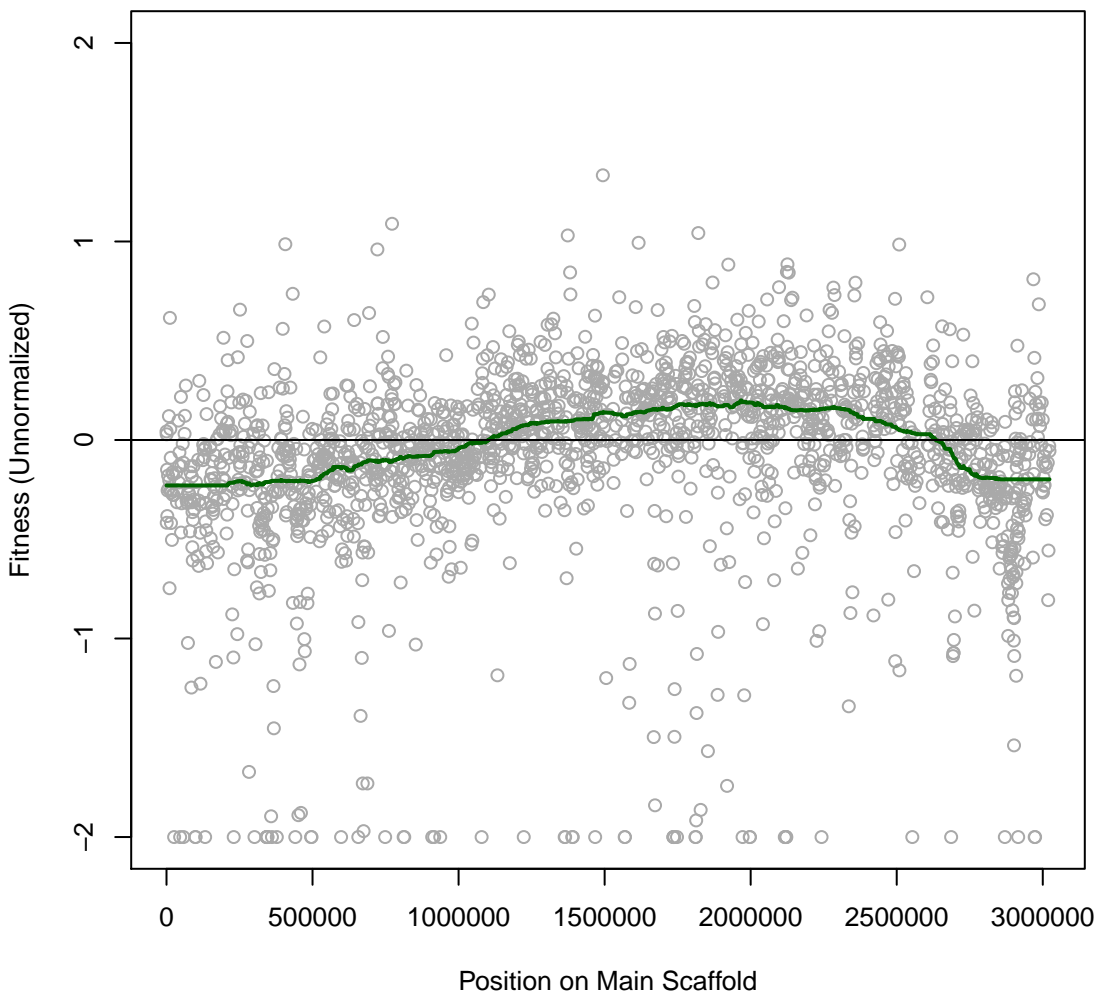
azobra 3IT057 #81 (gMed=299 rho12=0.301)
L-Malic (C)



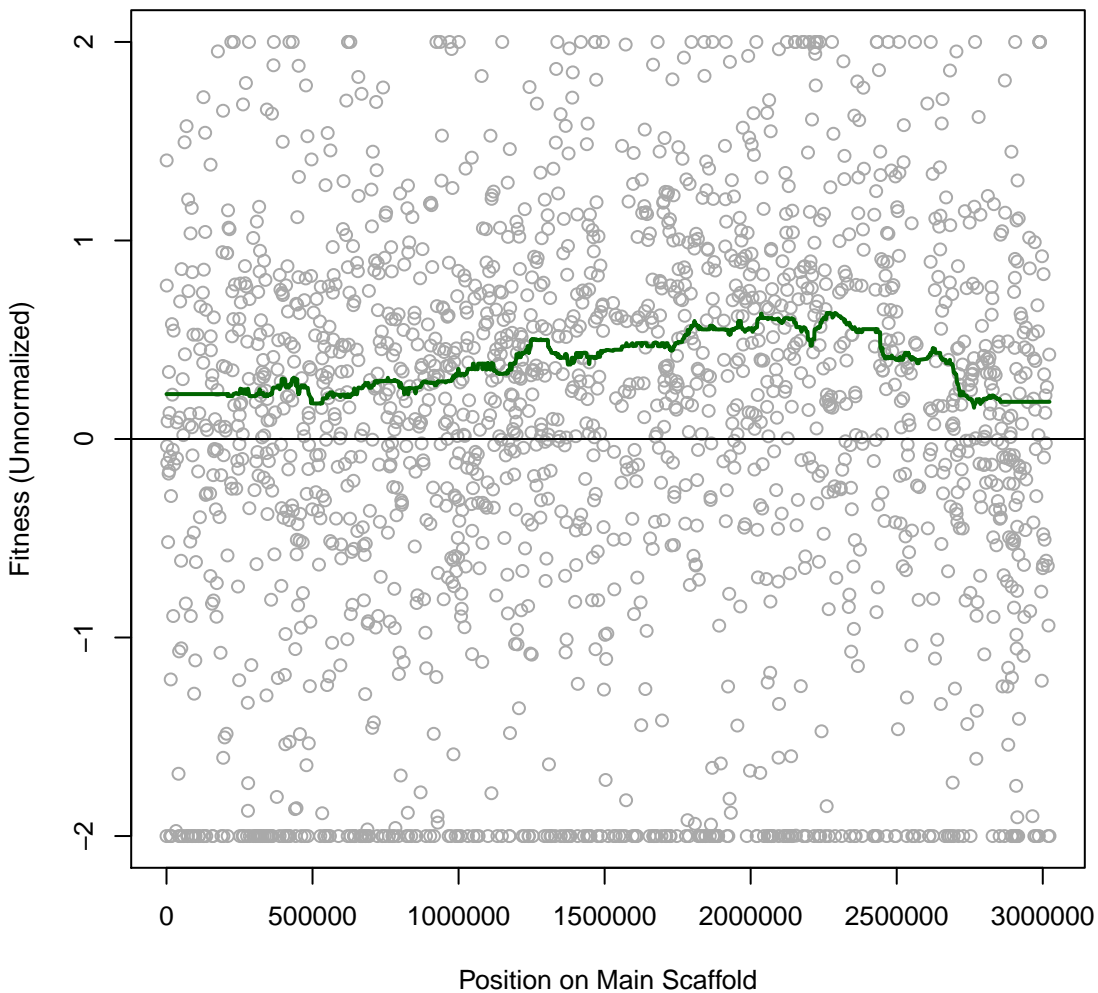
azobra 3IT058 #82 (gMed=290 rho12=0.305)
L-Glutamine (C)



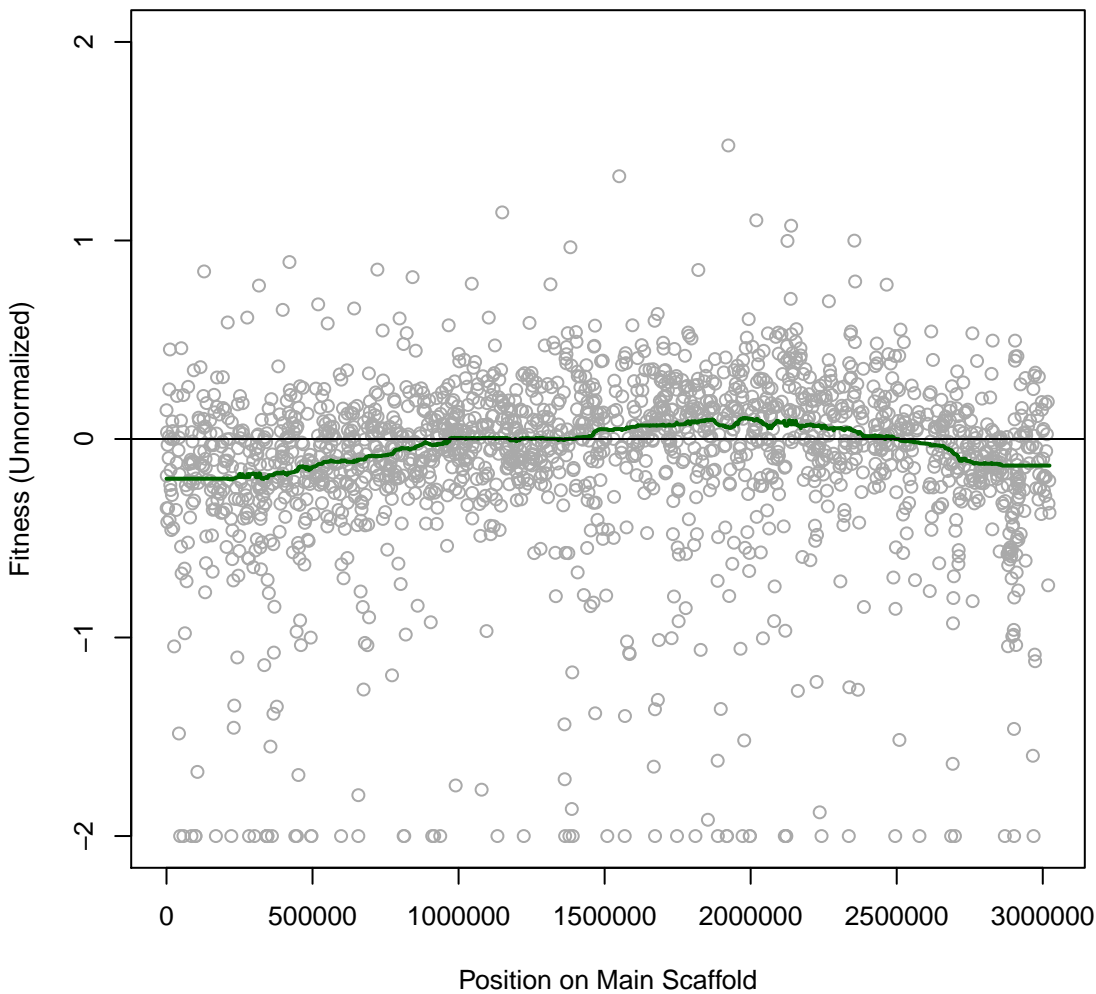
azobra 3IT059 #83 (gMed=308 rho12=0.297)
L-Proline (C)



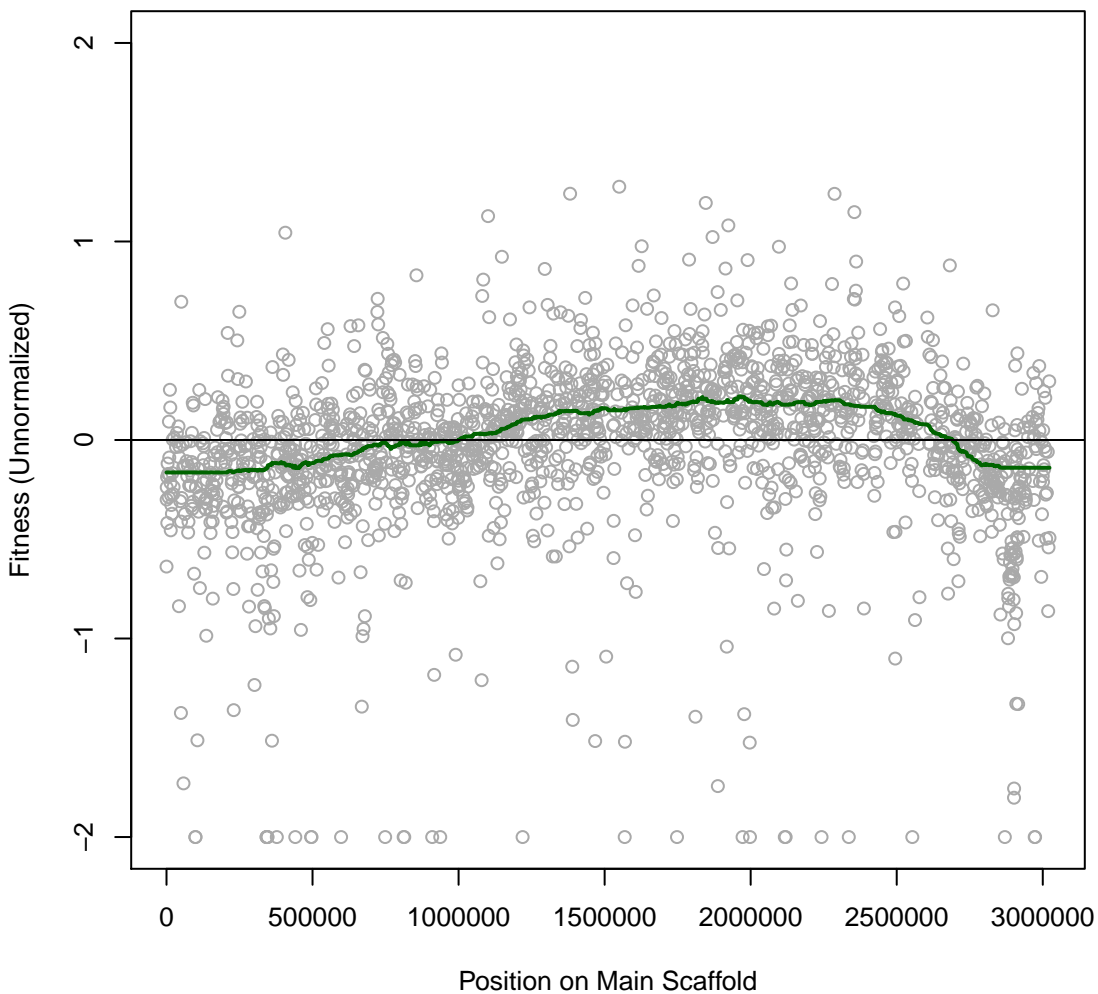
azobra 3IT060 #84 (gMed=63 rho12=0.076)
L-Alanine (C)



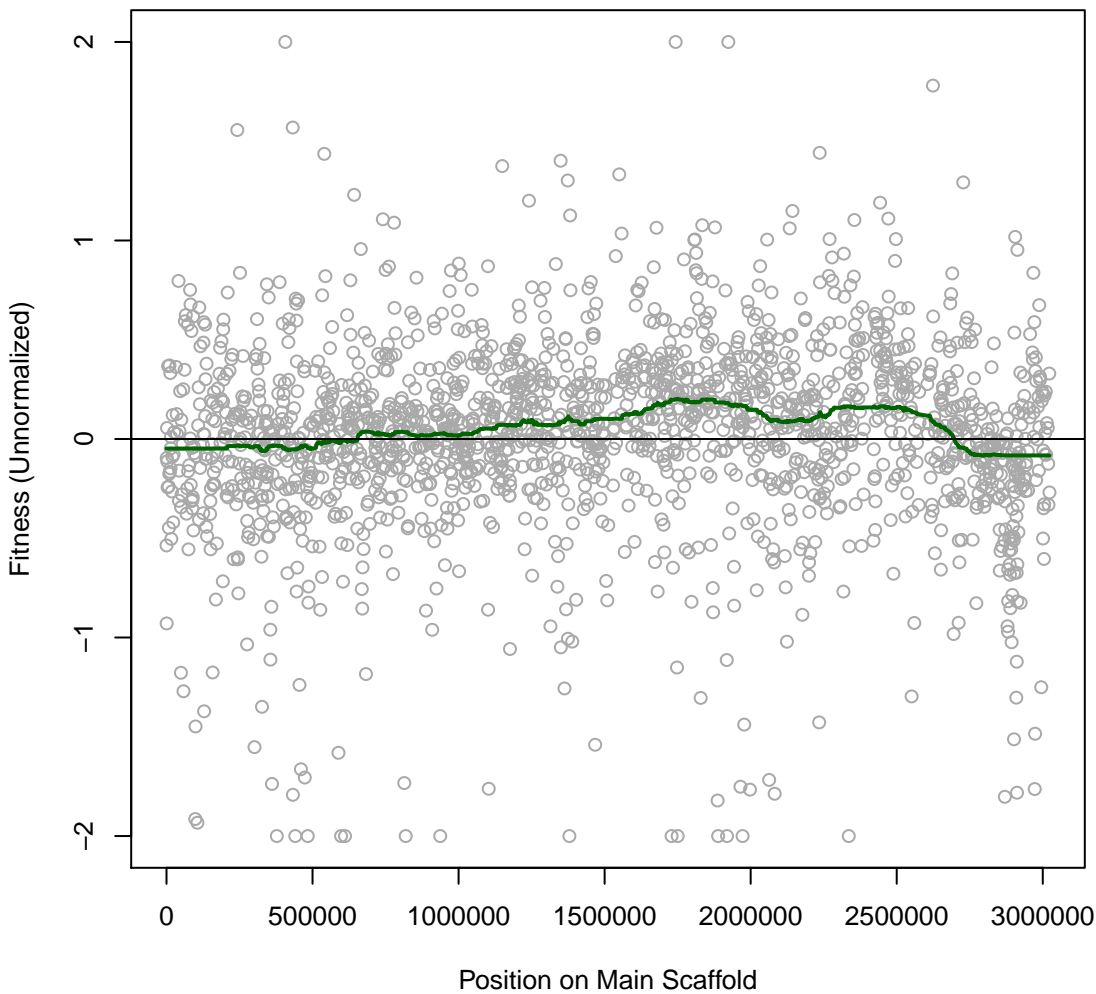
azobra 3IT061 #85 (gMed=296 rho12=0.264)
L-Leucine (C)



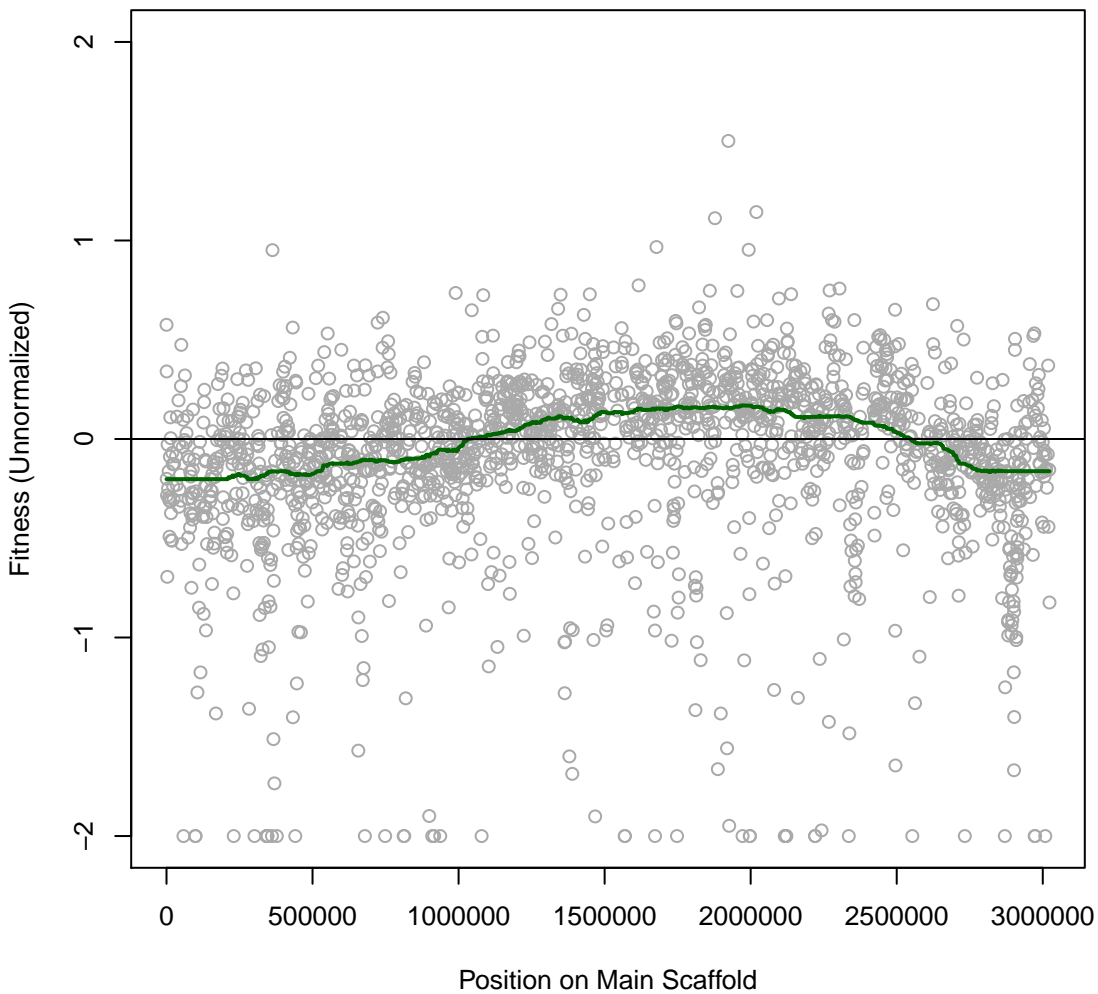
azobra 3IT062 #86 (gMed=361 rho12=0.249)
butyrate (C)



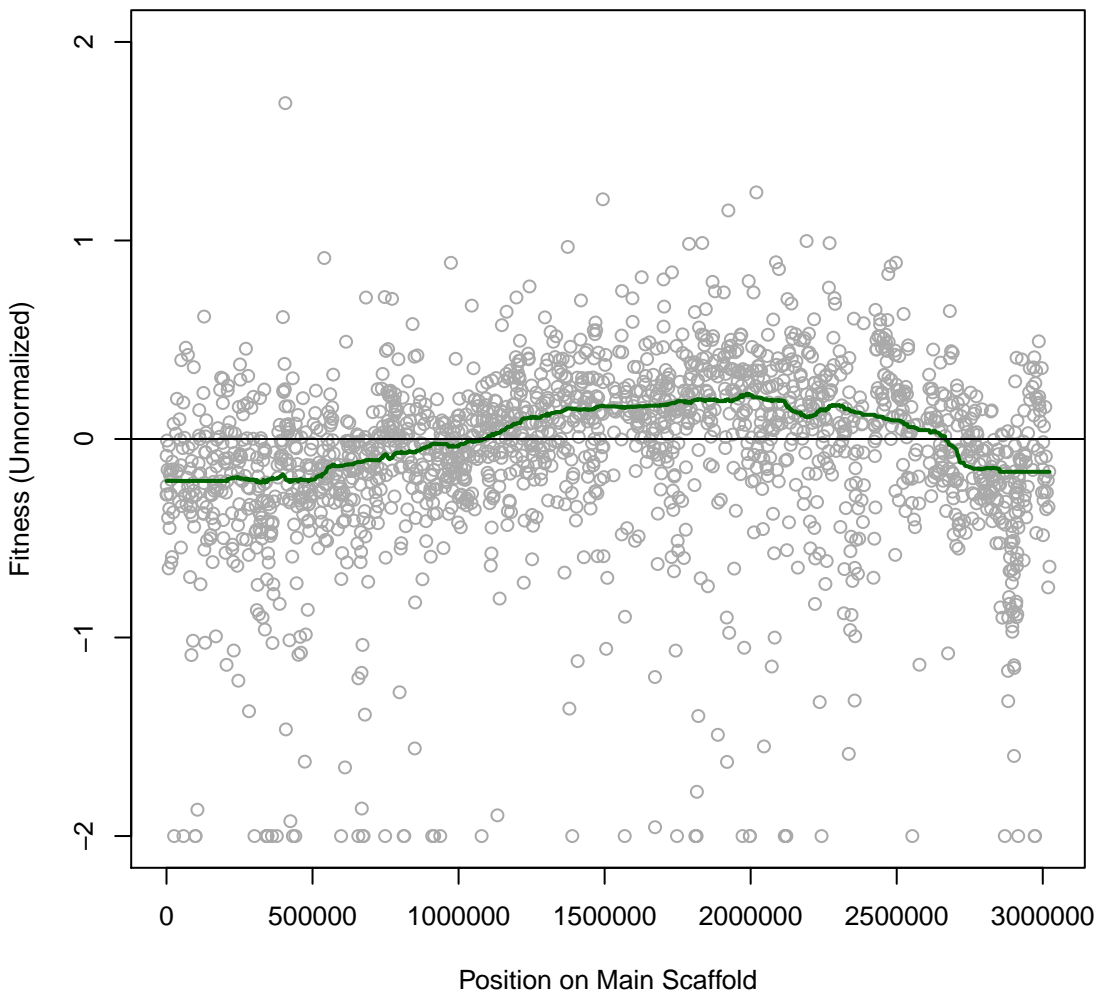
azobra 3IT063 #87 (gMed=245 rho12=0.144)
L-Histidine (N)



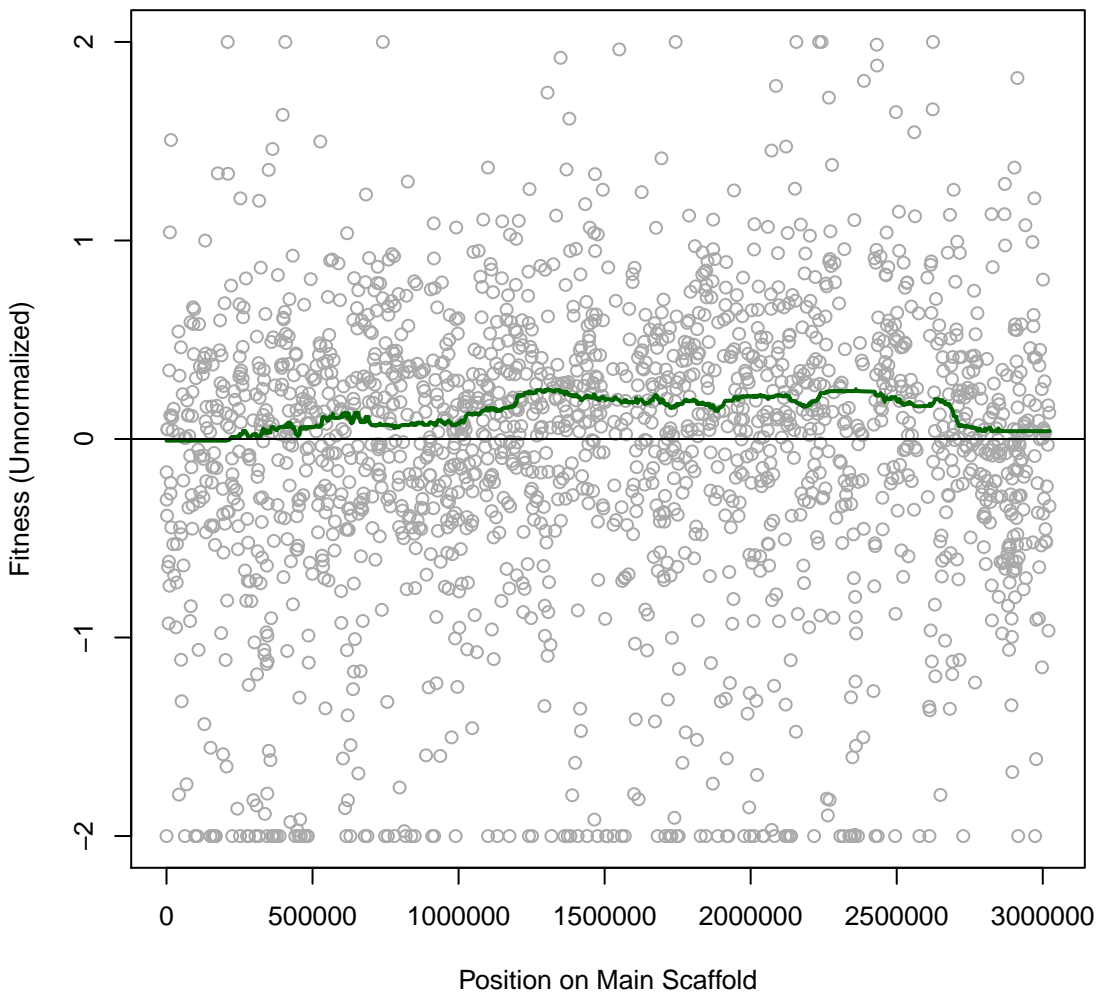
azobra 3IT064 #88 (gMed=276 rho12=0.296)
L-Lysine (N)



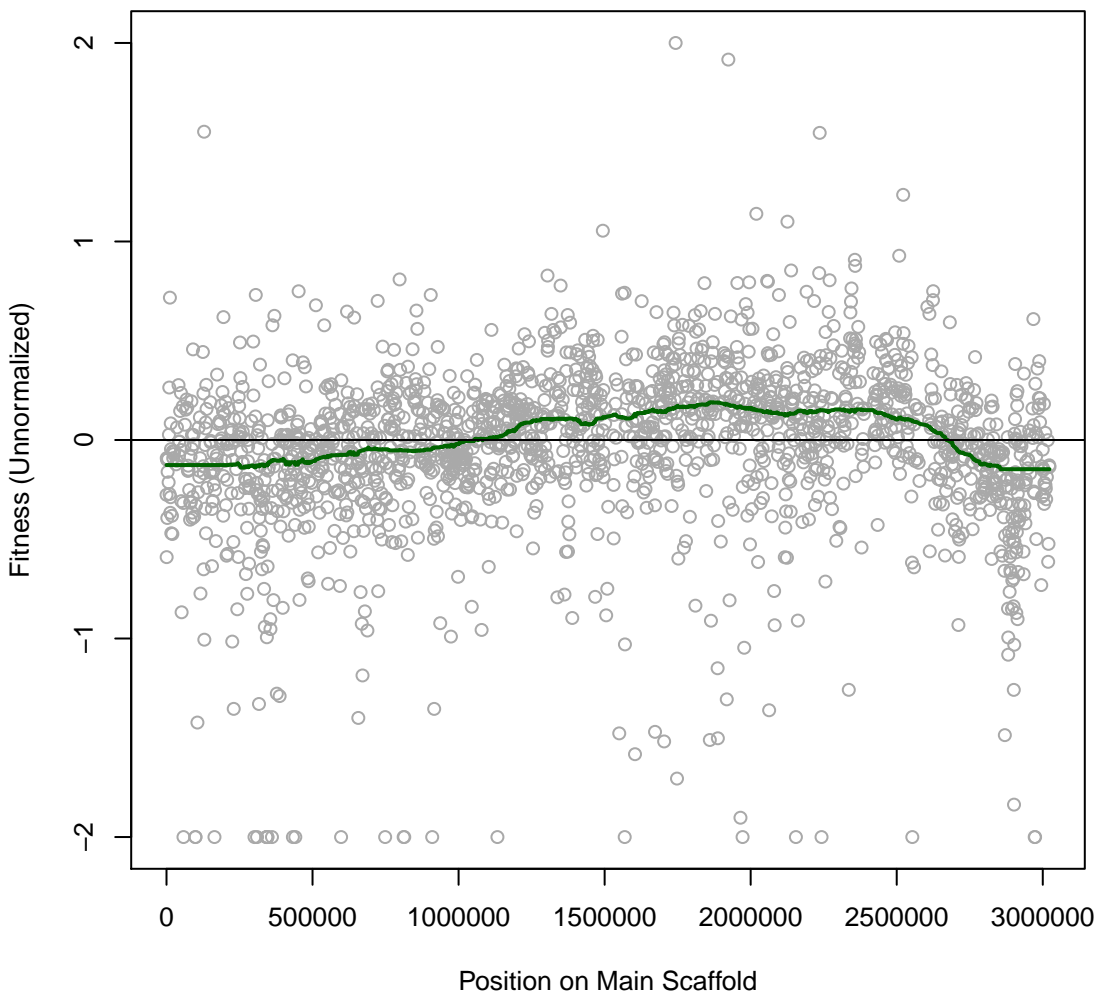
azobra 3IT065 #89 (gMed=230 rho12=0.256)
L-Aspartic Acid (N)



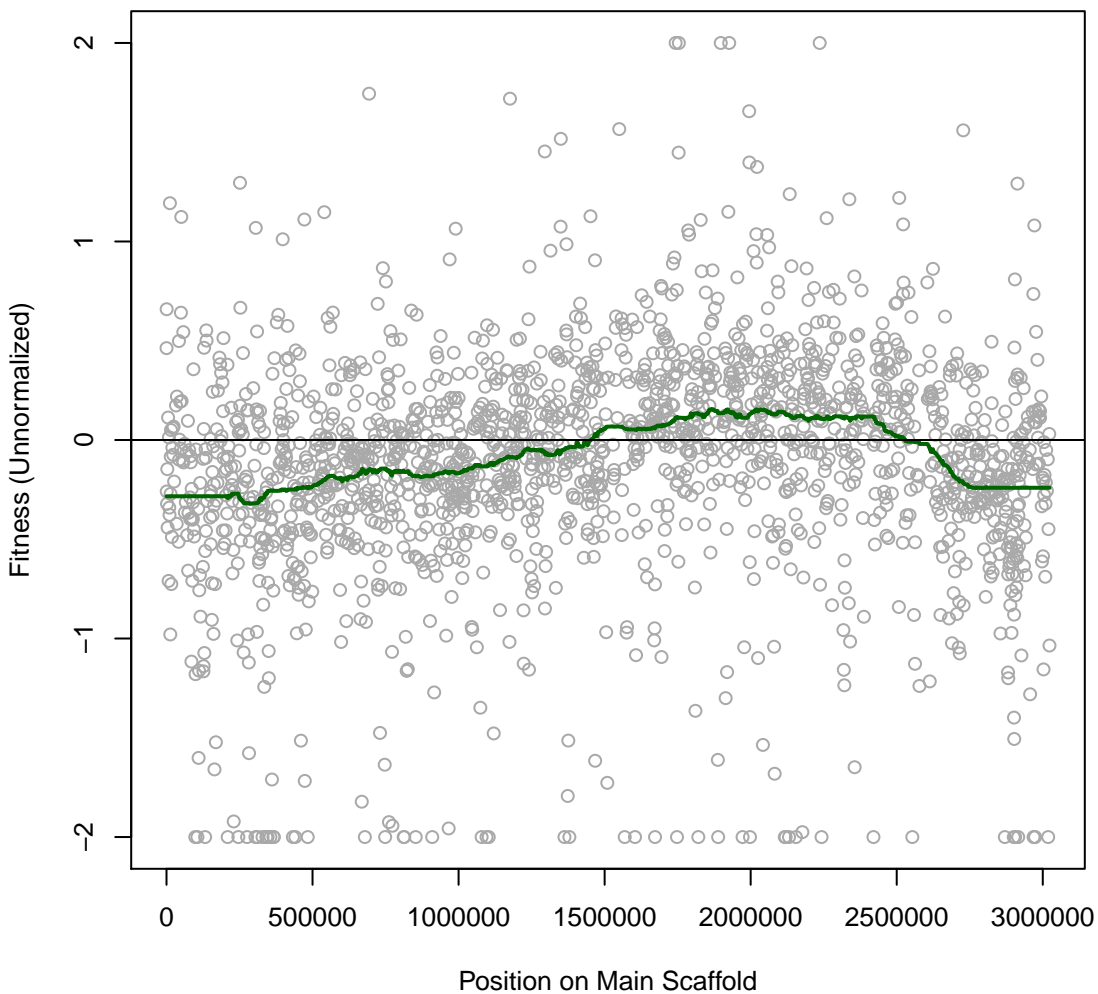
azobra 3IT066 #90 (gMed=111 rho12=0.140)
L-Glutamic (N)



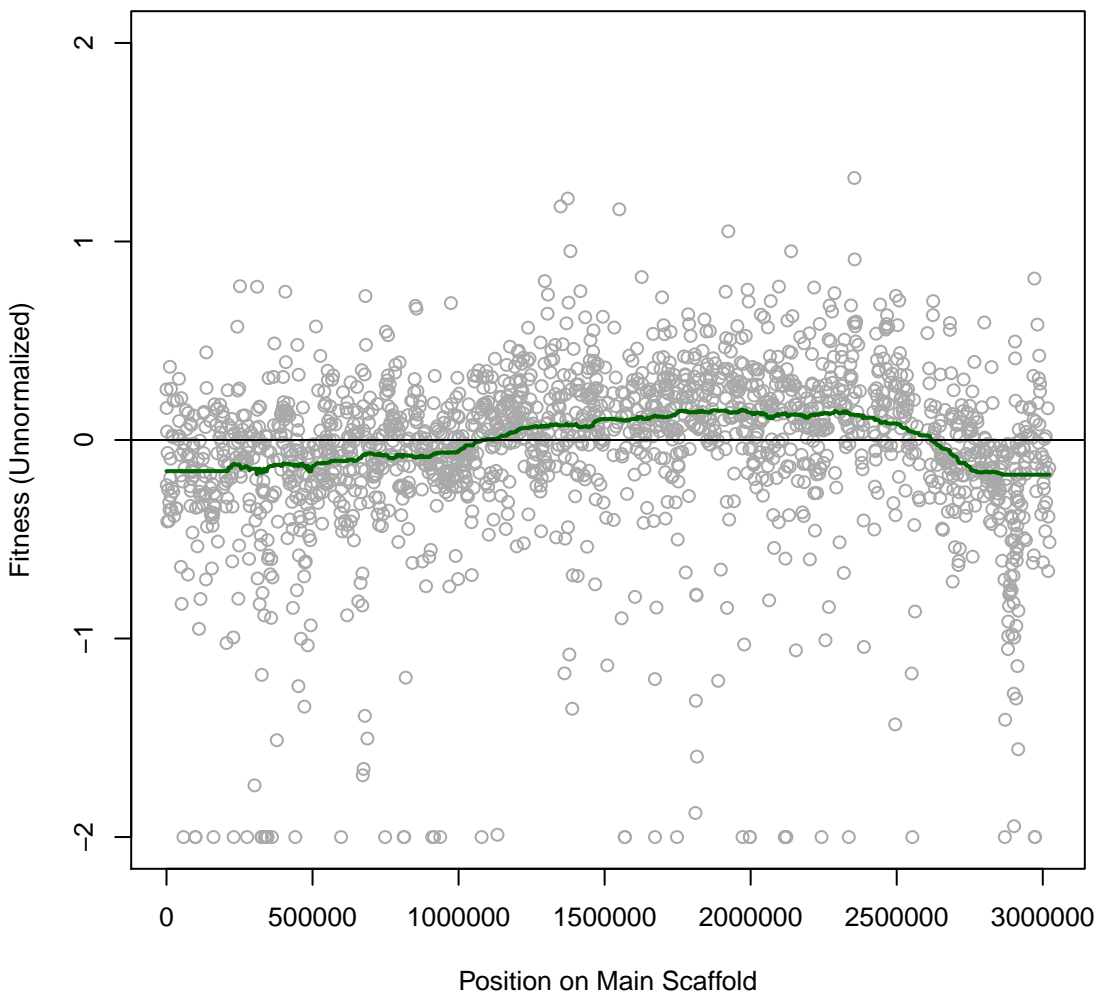
azobra 3IT067 #91 (gMed=278 rho12=0.186)
L-Serine (N)



azobra 3IT068 #92 (gMed=168 rho12=0.112)
L-Threonine (N)

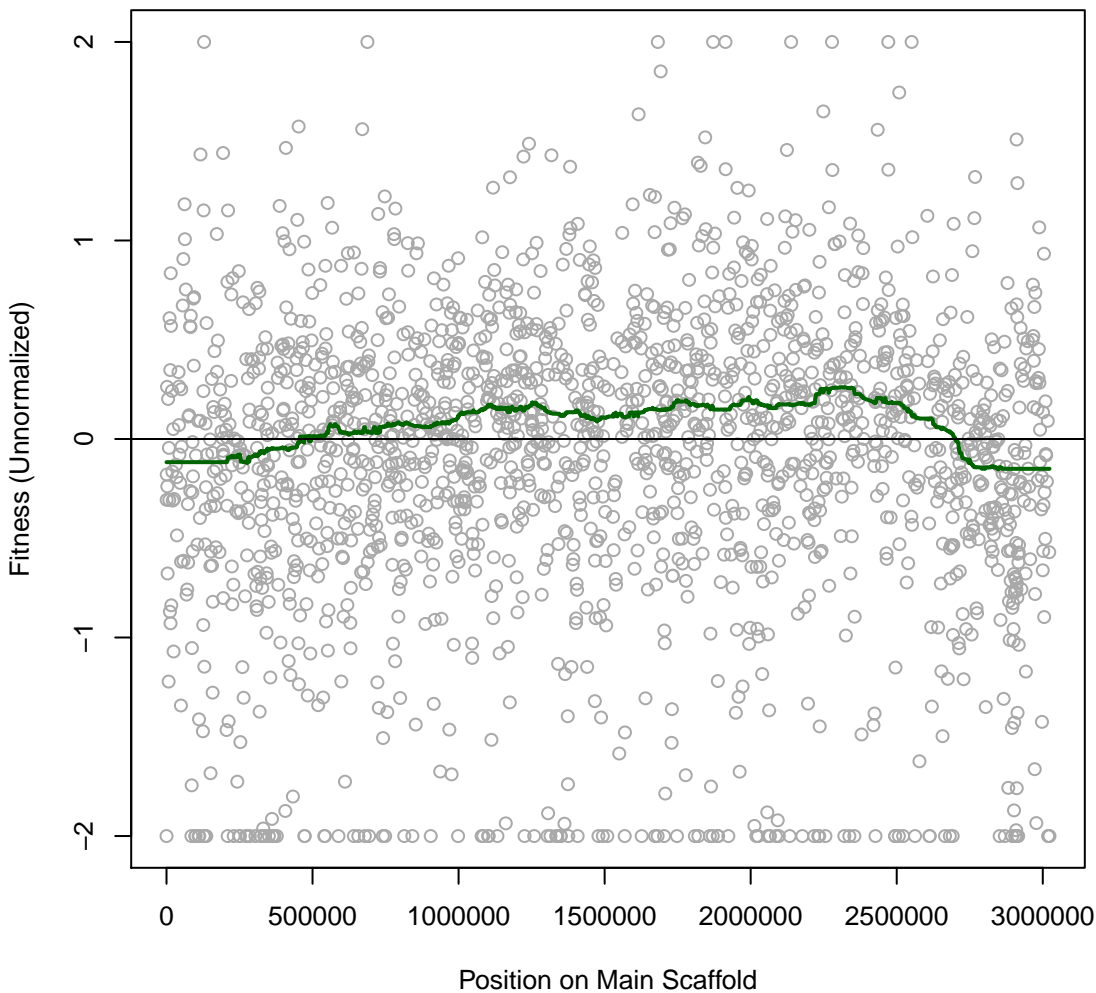


azobra 3IT069 #93 (gMed=248 rho12=0.252)
L-Asparagine (N)

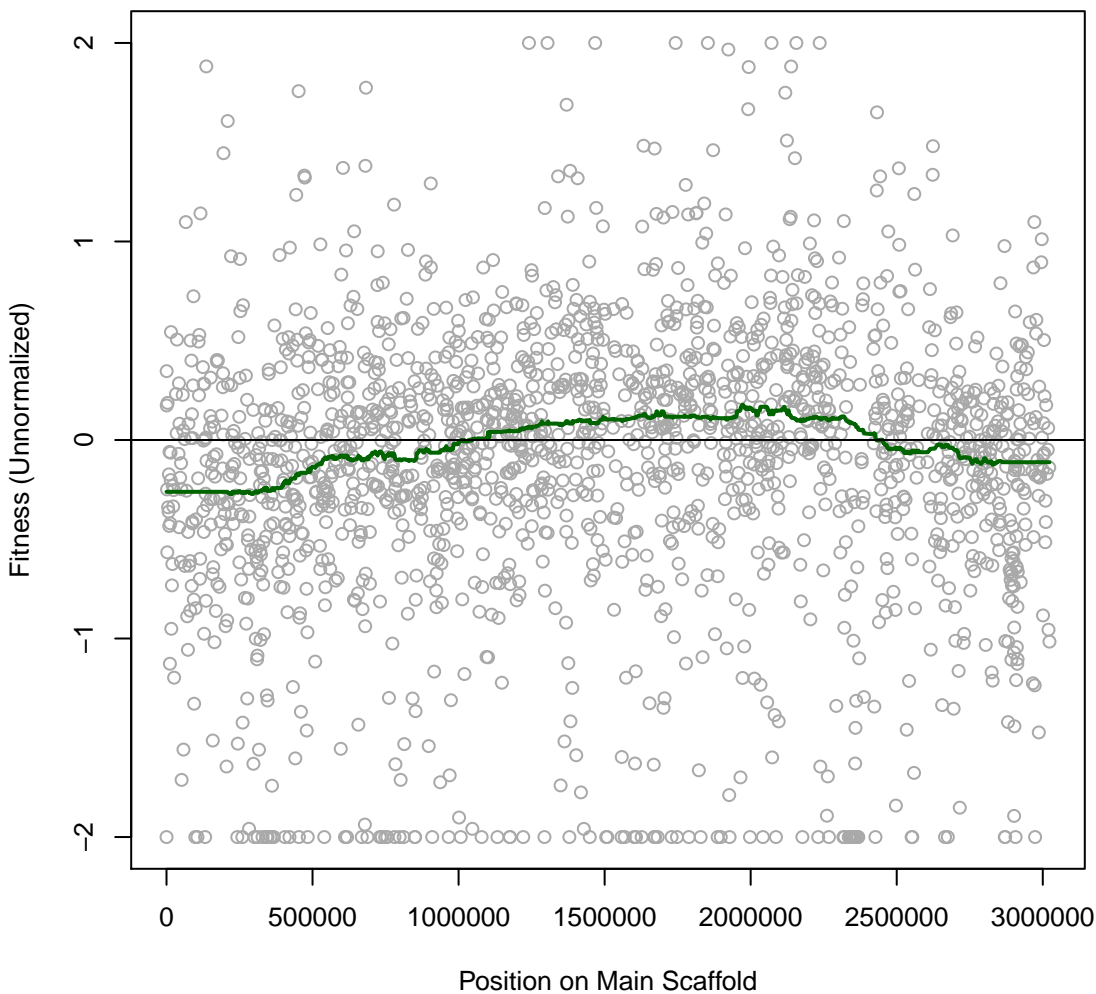


azobra 3IT070 #94 (gMed=111 rho12=0.076)

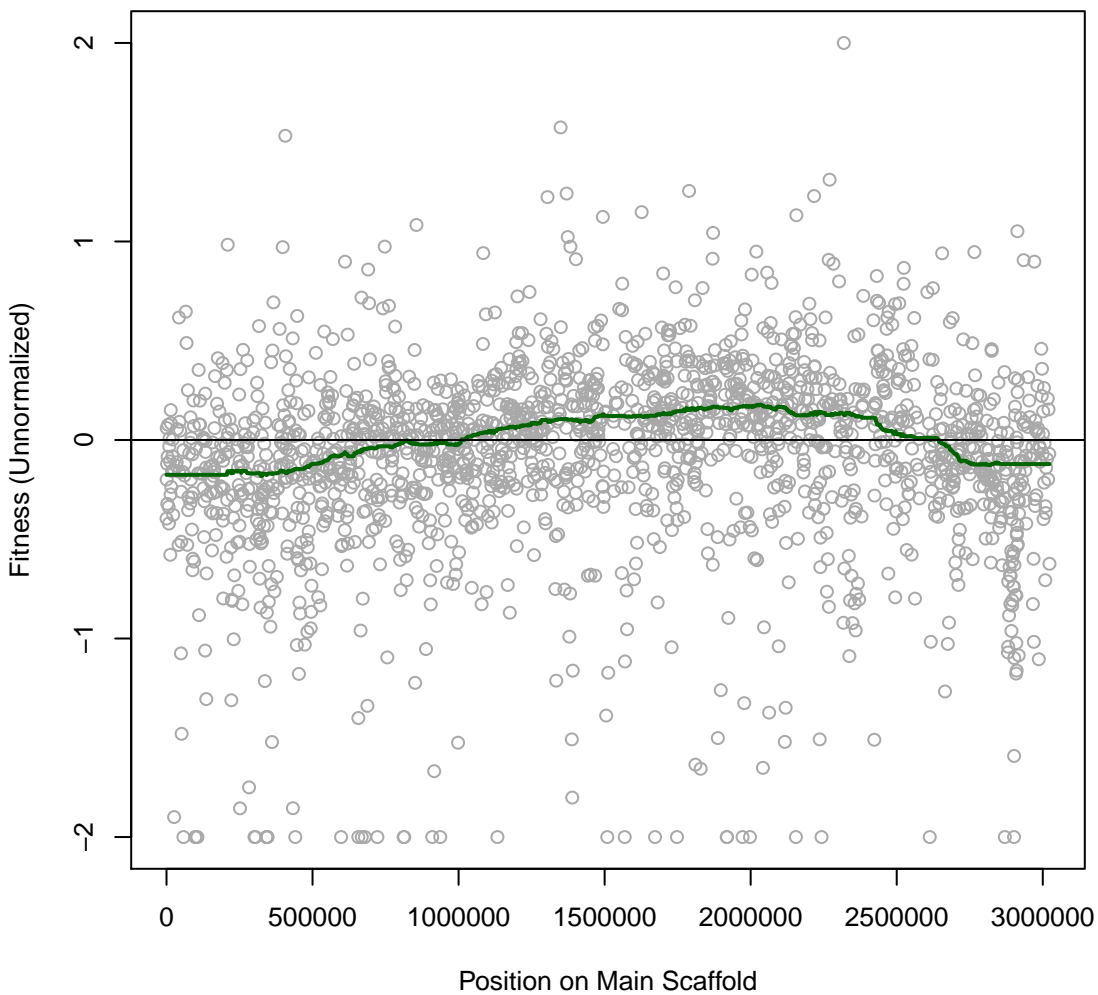
Glycine (N)



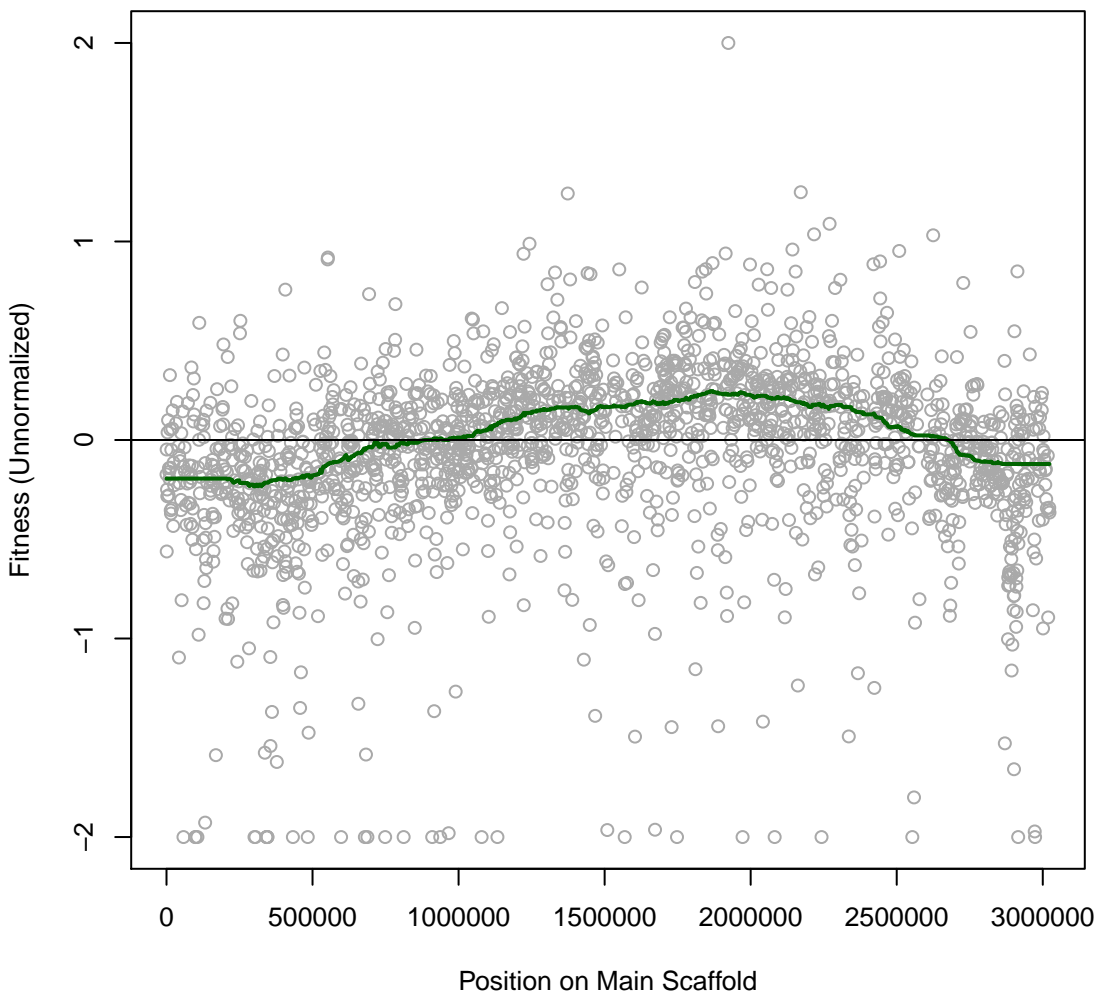
azobra 3IT072 #96 (gMed=134 rho12=0.192)
L-Isoleucine (N)



azobra 3IT073 #97 (gMed=213 rho12=0.259)
L-Leucine (N)

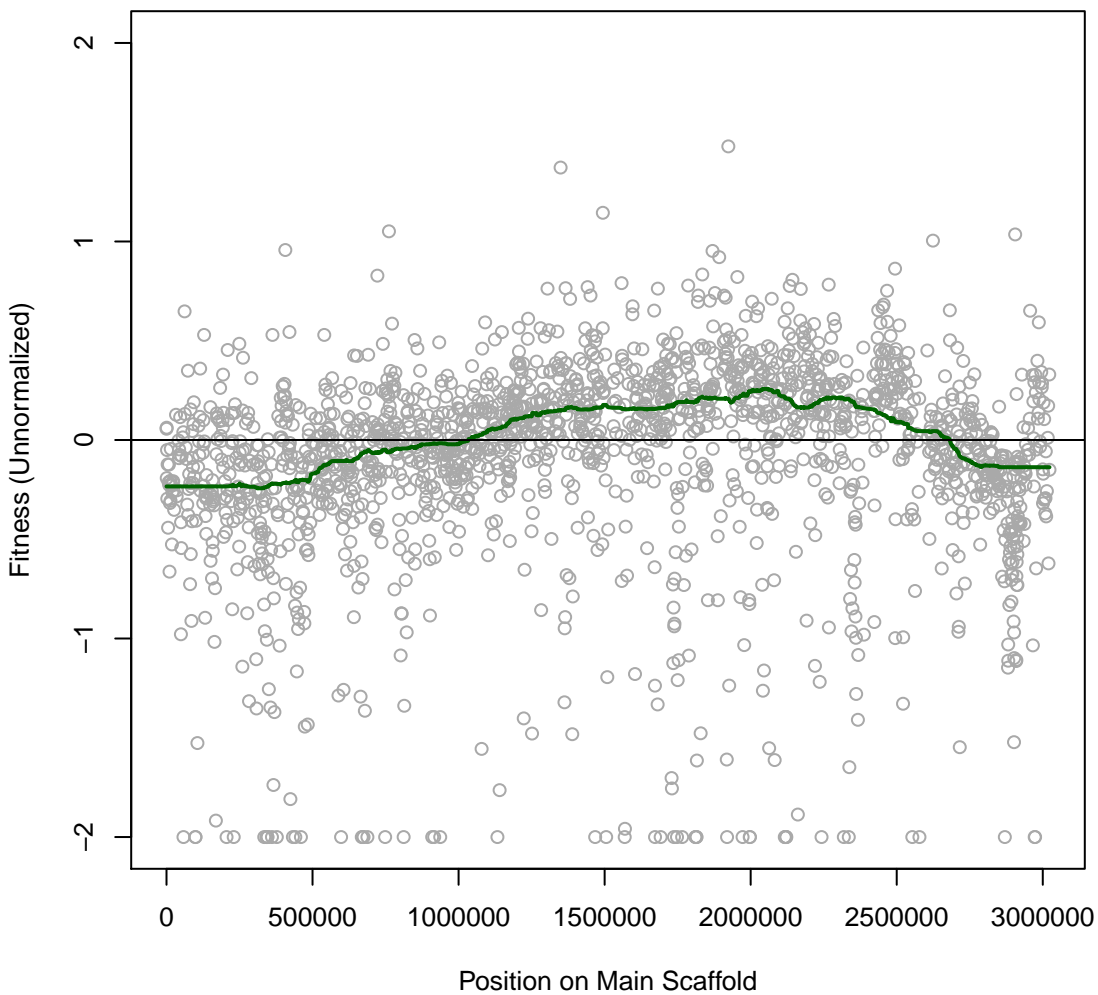


azobra 3IT074 #98 (gMed=170 rho12=0.166)
L-Phenylalanine (N)

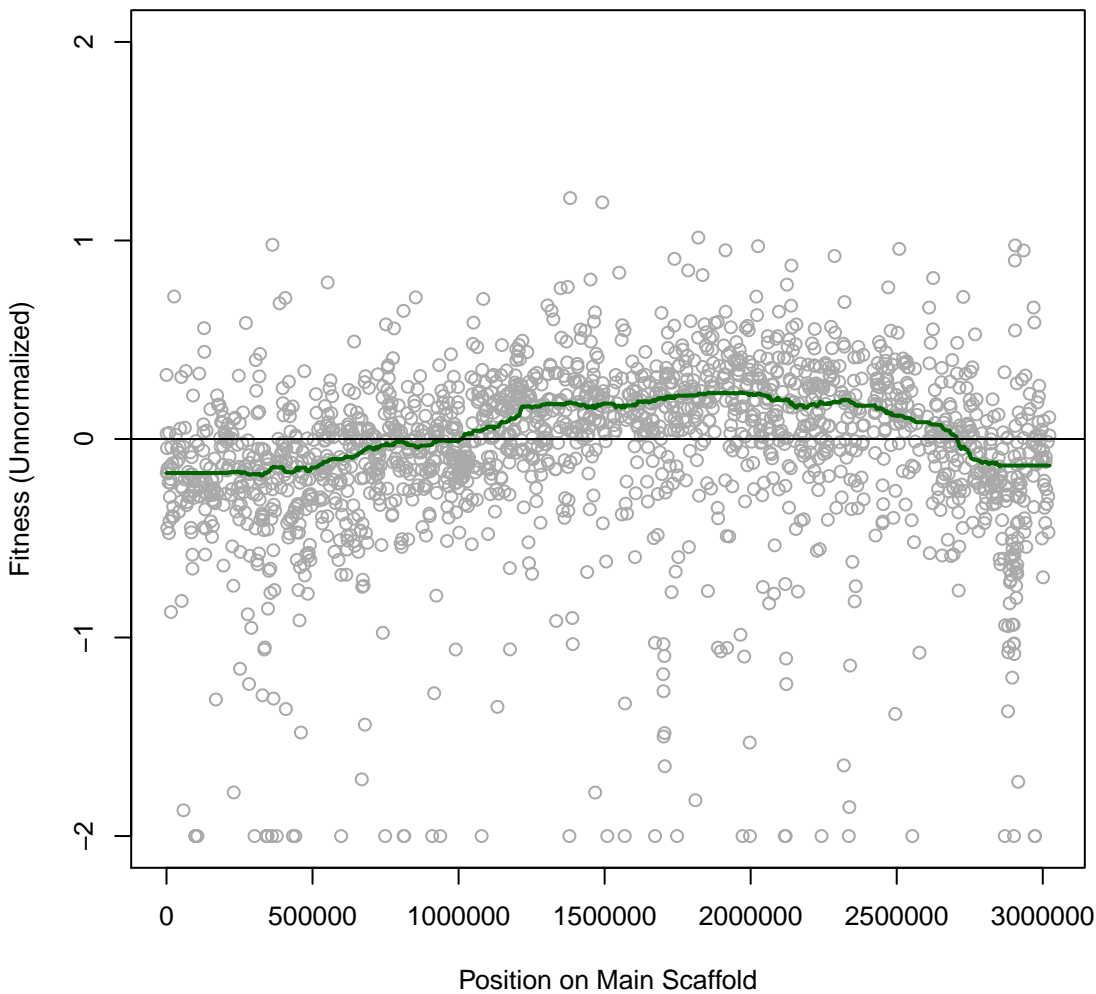


azobra 3IT075 #99 (gMed=228 rho12=0.292)

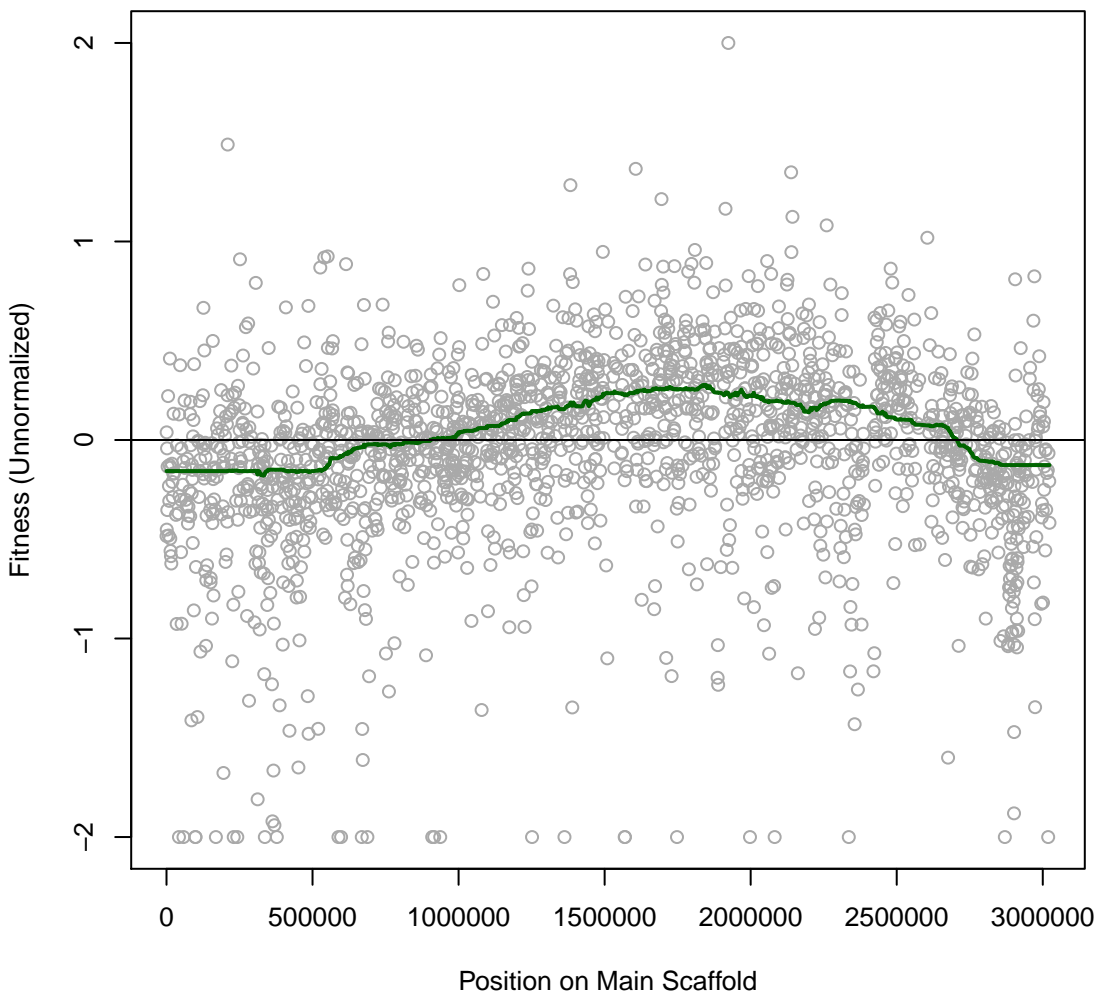
D-Alanine (N)



azobra 3IT076 #100 (gMed=285 rho12=0.244)
L-Citrulline (N)

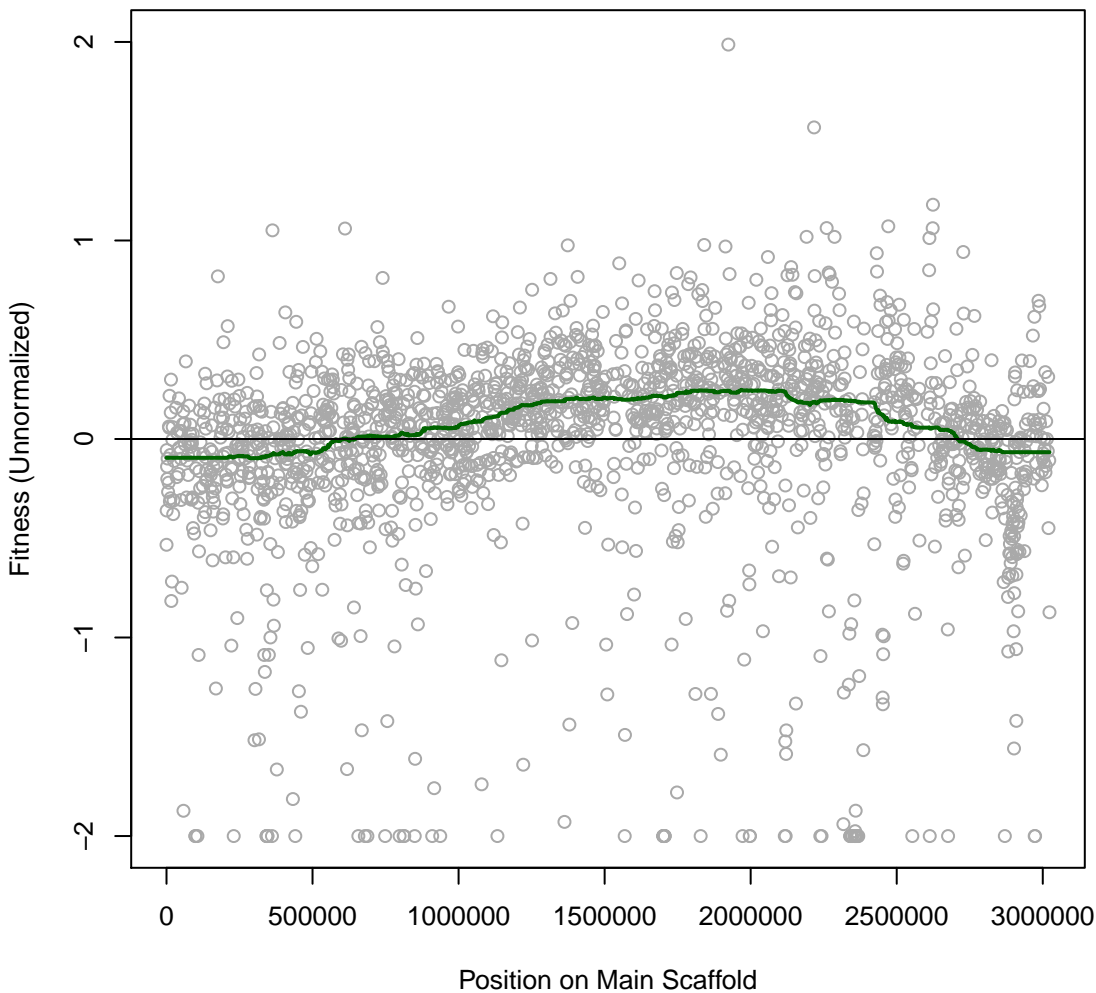


azobra 3IT077 #101 (gMed=201 rho12=0.121)
casaminos (N)



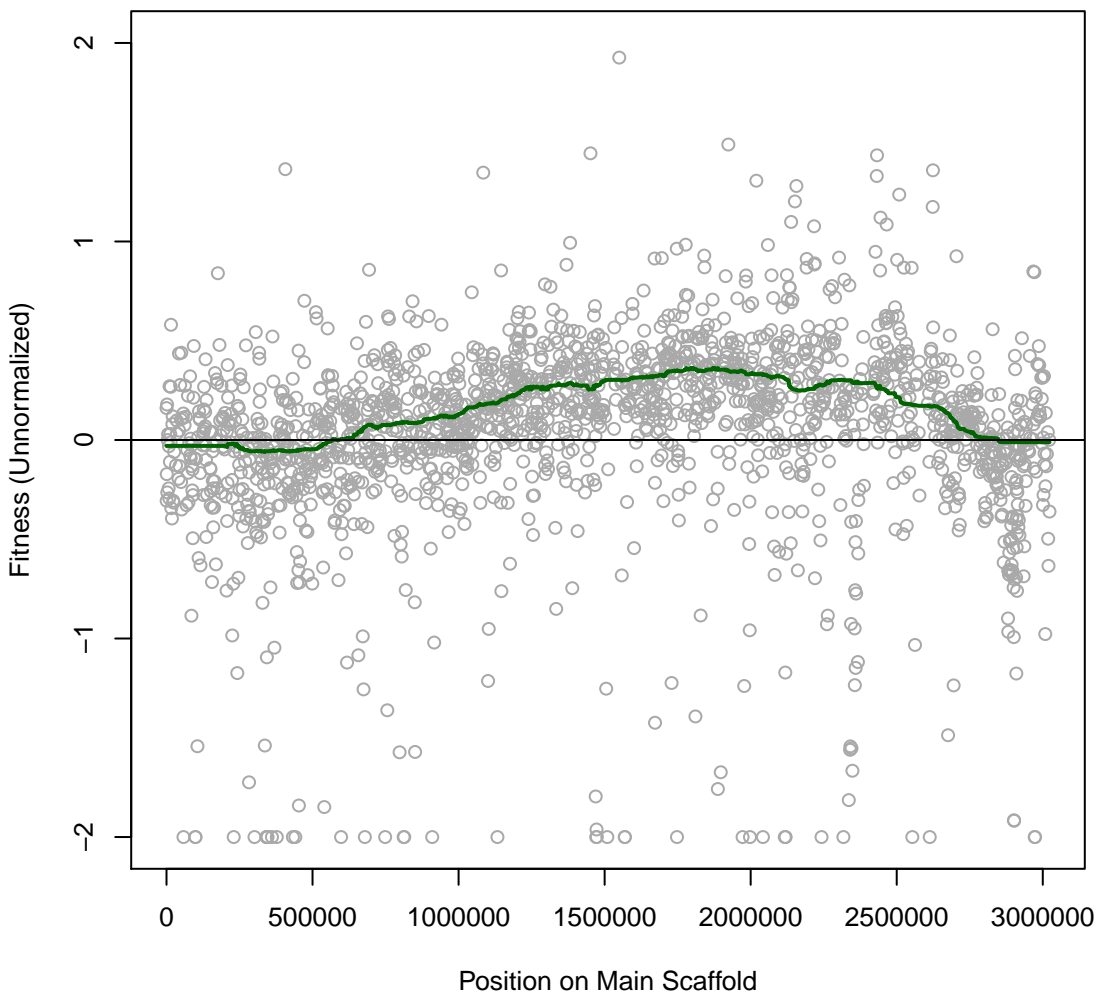
azobra 3IT078 #102 (gMed=281 rho12=0.307)

Parabanic Acid (N)



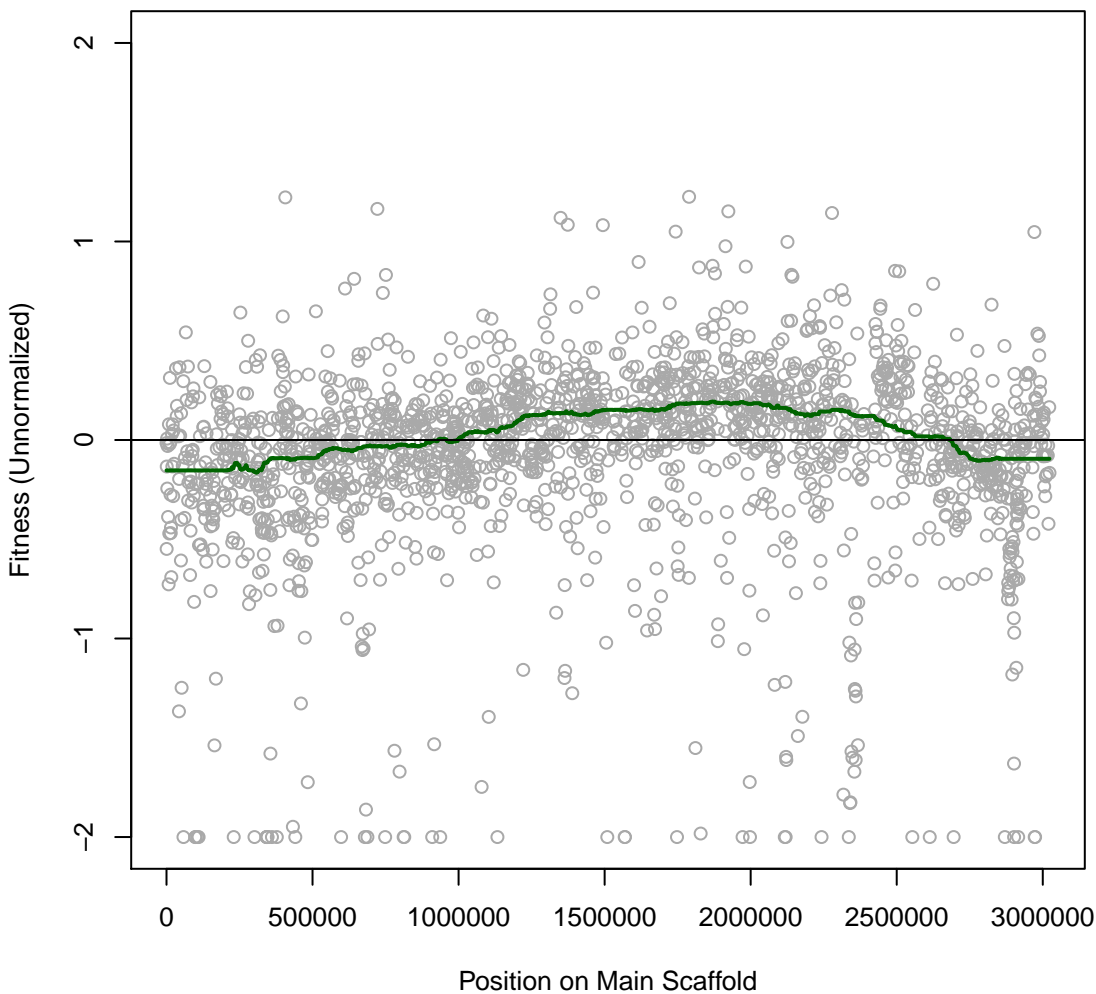
azobra 3IT079 #103 (gMed=348 rho12=0.377)

Cytosine (N)



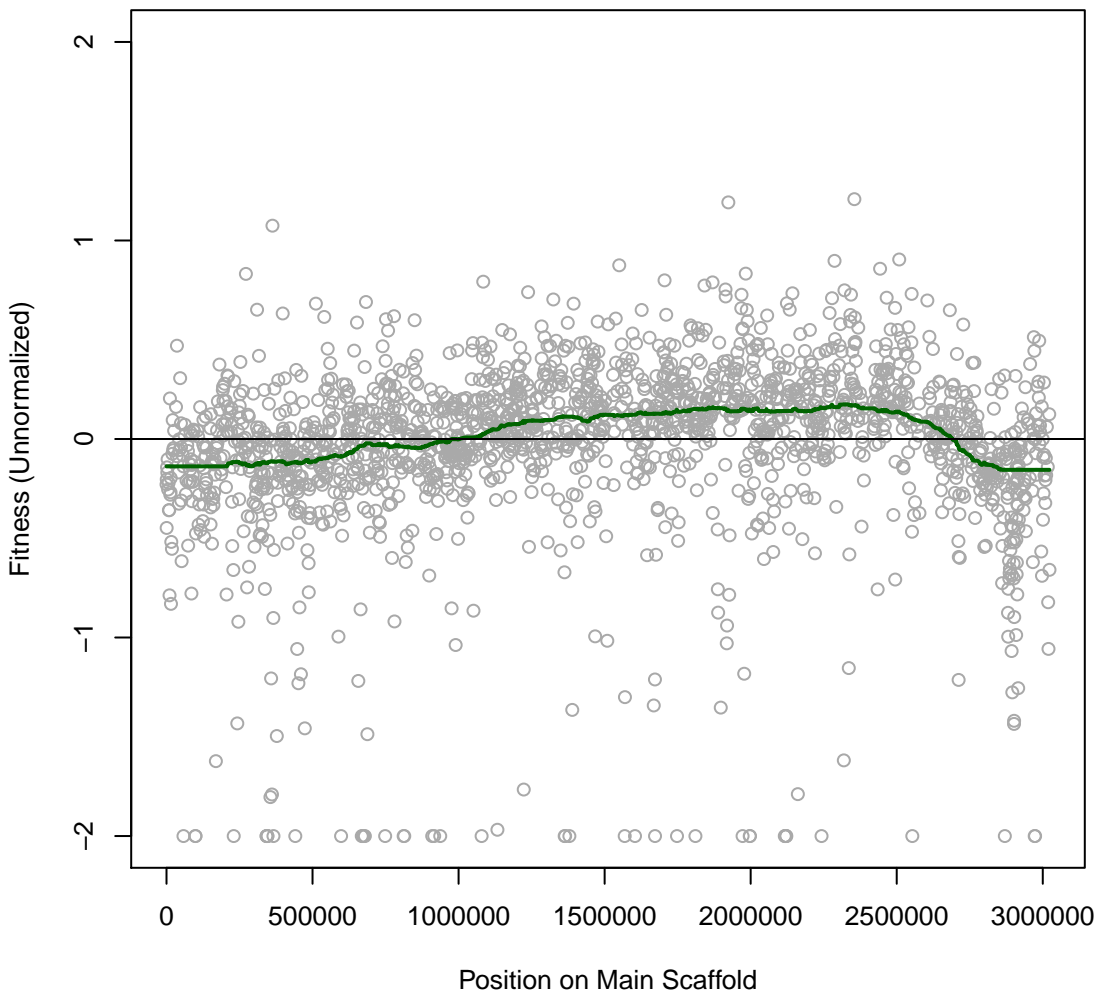
azobra 3IT080 #104 (gMed=271 rho12=0.242)

Glucuronamide (N)

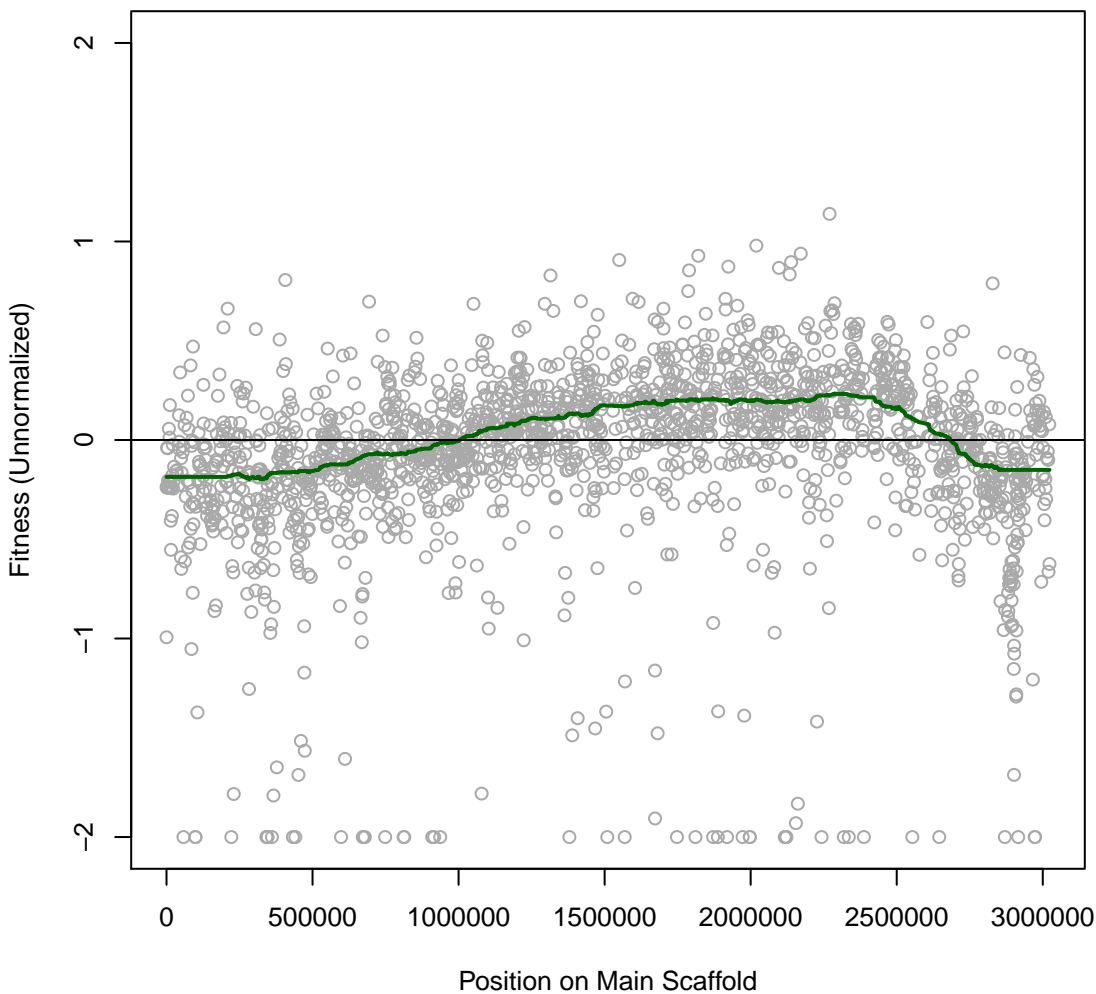


azobra 3IT081 #105 (gMed=246 rho12=0.200)

Ammonium chloride (N)

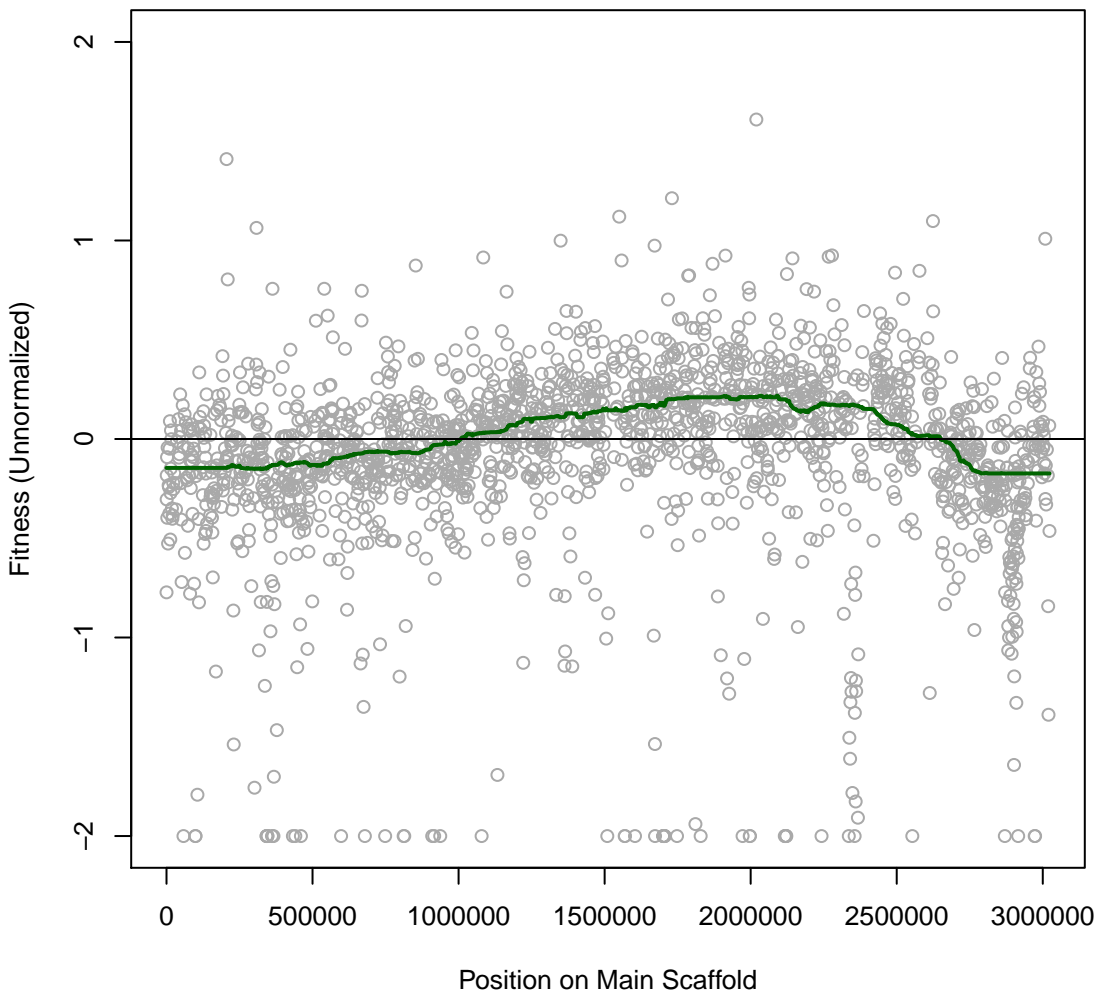


azobra 3IT082 #106 (gMed=283 rho12=0.242)
nitrate (N)



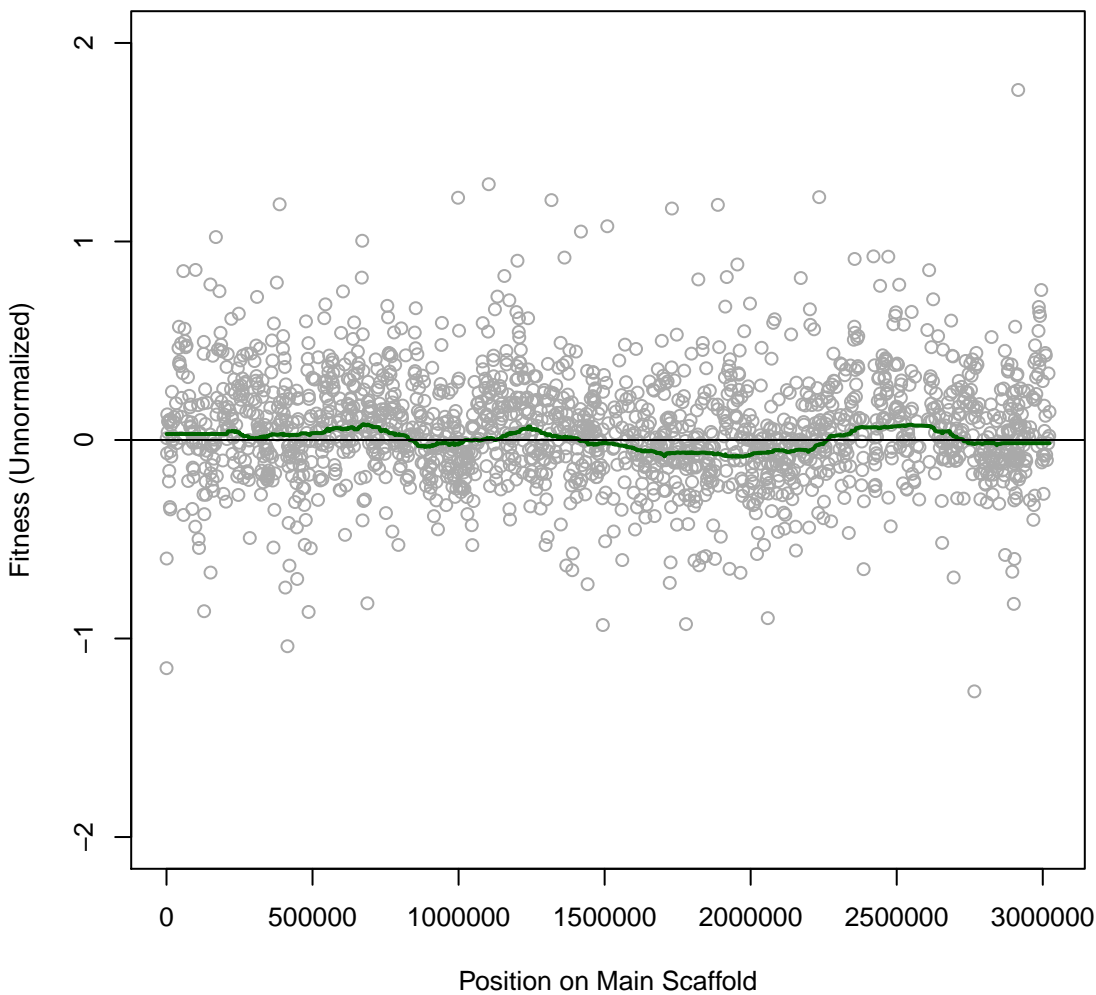
azobra 3IT083 #107 (gMed=282 rho12=0.279)

Urea (N)



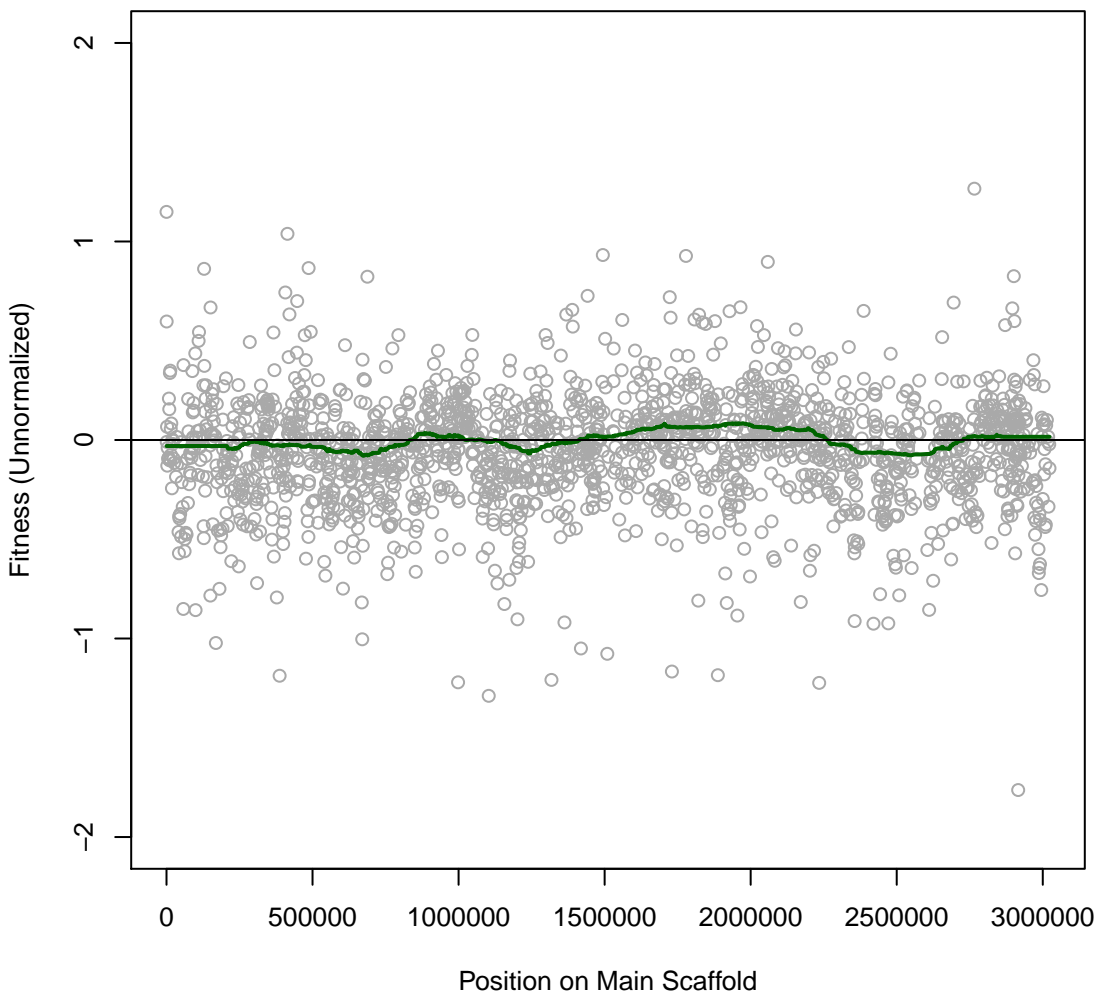
azobra 3IT084 #108 (gMed=277 rho12=0.188)

Time0



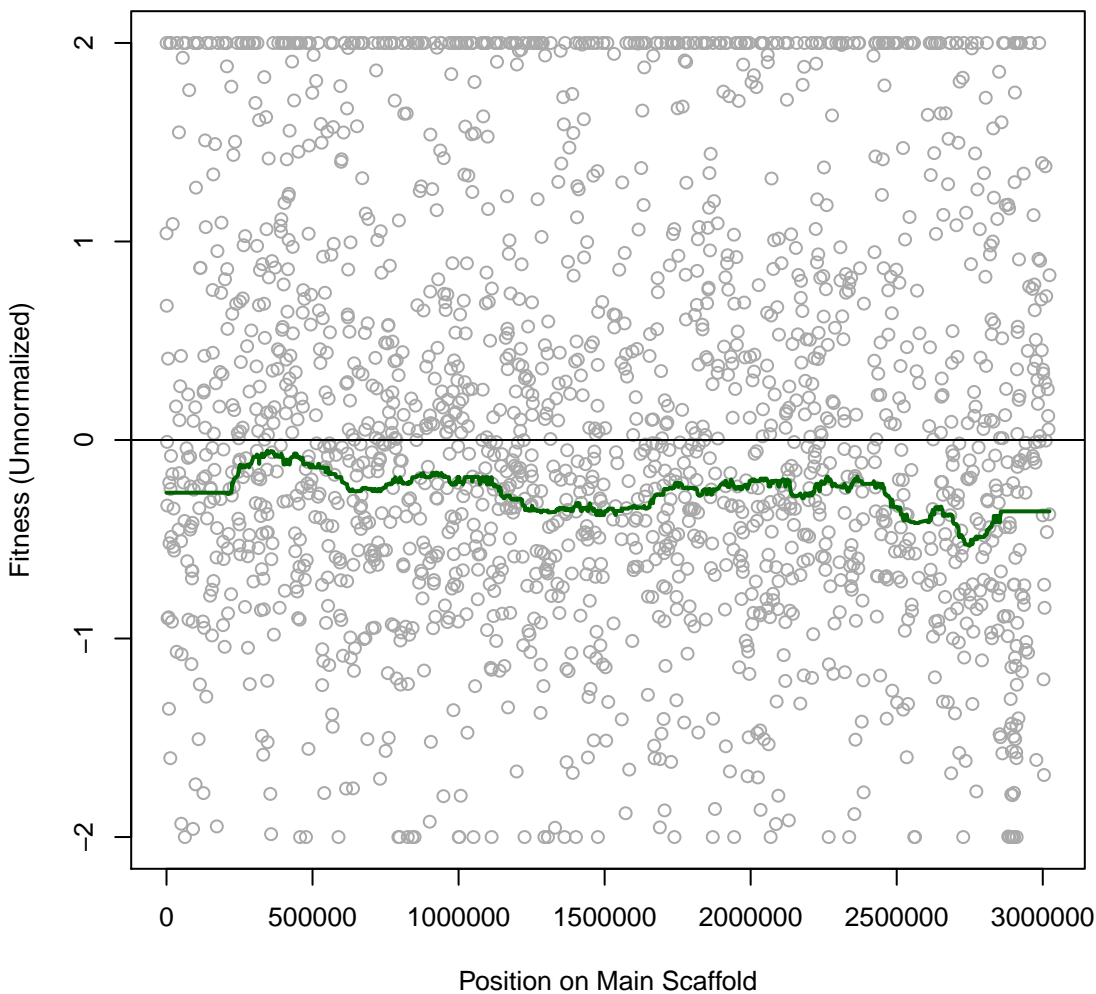
azobra 3IT085 #109 (gMed=271 rho12=0.188)

Time0



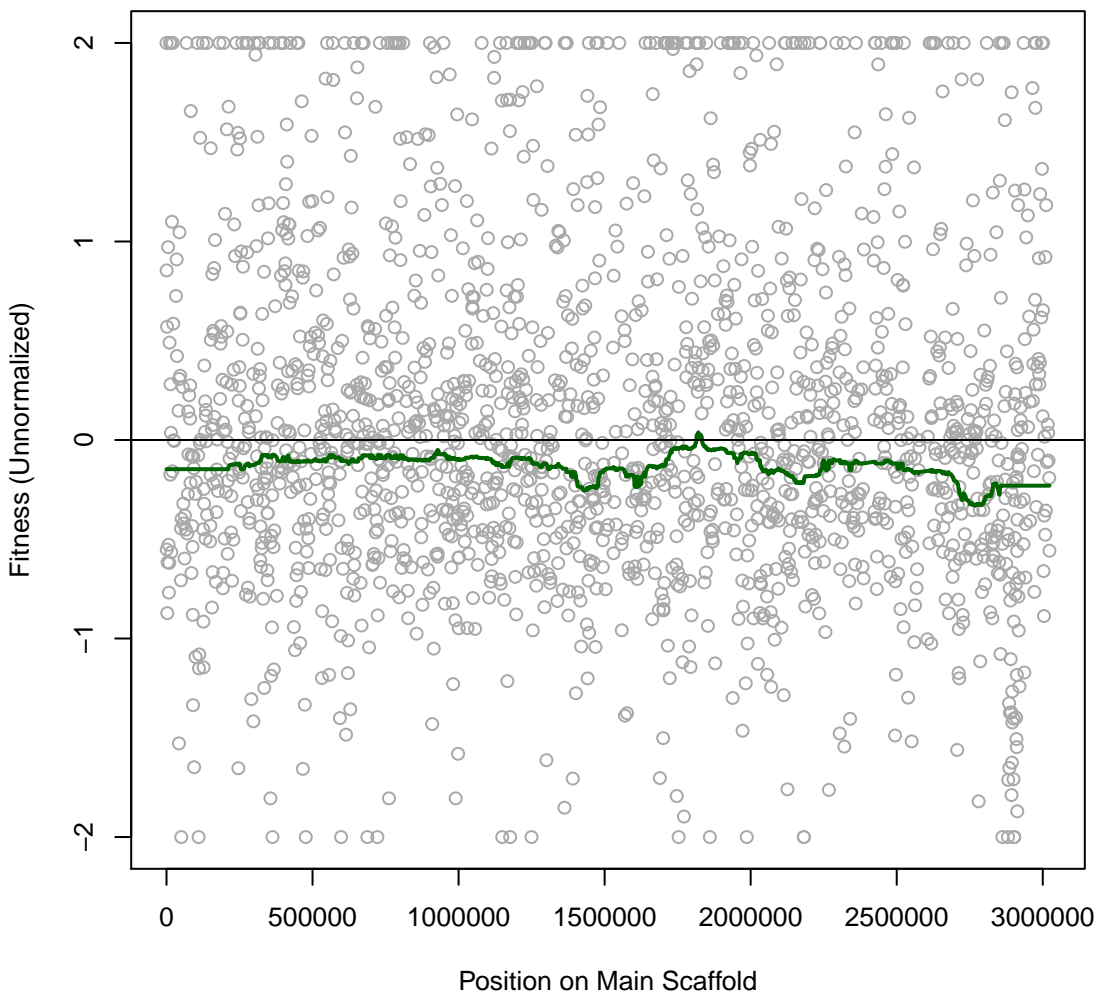
azobra 3IT086 #110 (gMed=13 rho12=0.074)

5-Hydroxymethylfurfural 2.5 mM



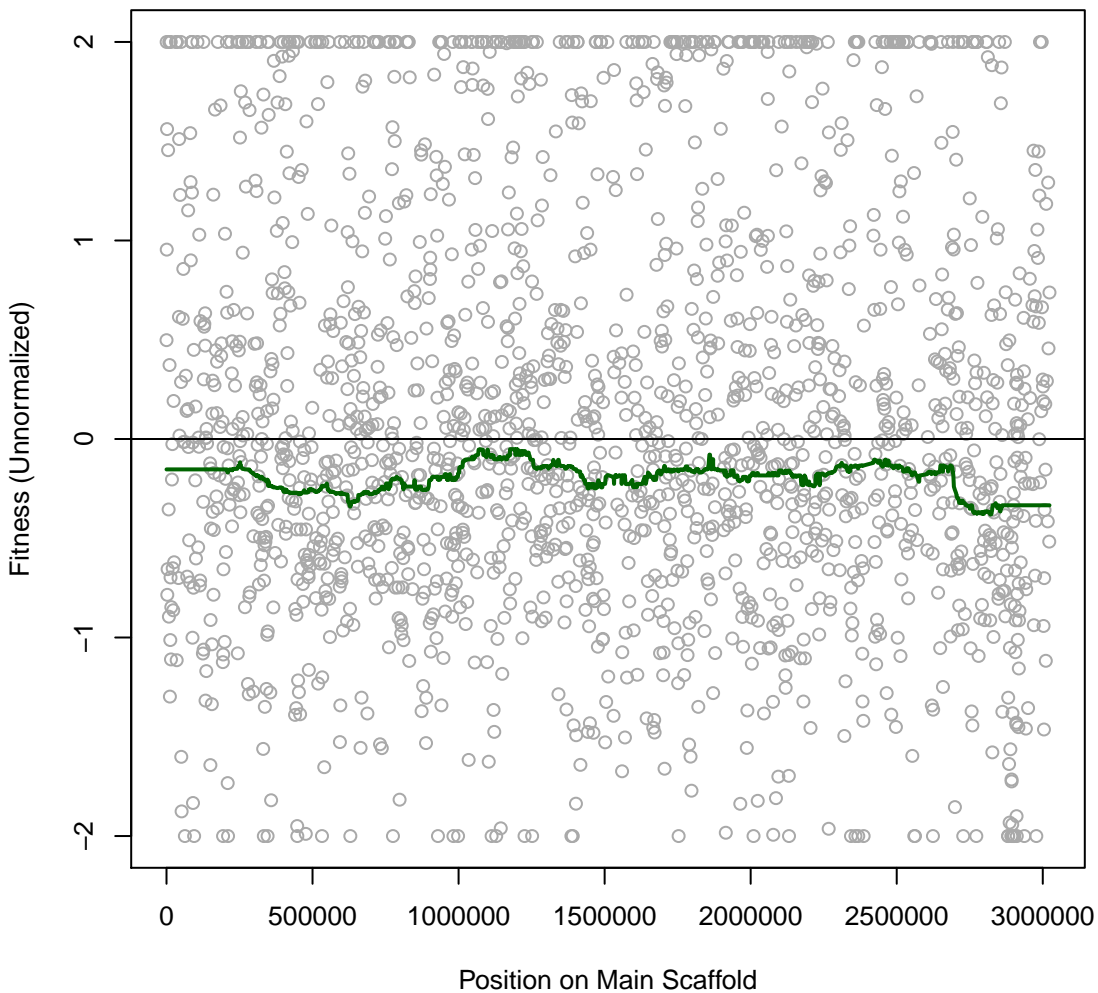
azobra 3IT087 #111 (gMed=30 rho12=0.091)

5-Hydroxymethylfurfural 5 mM

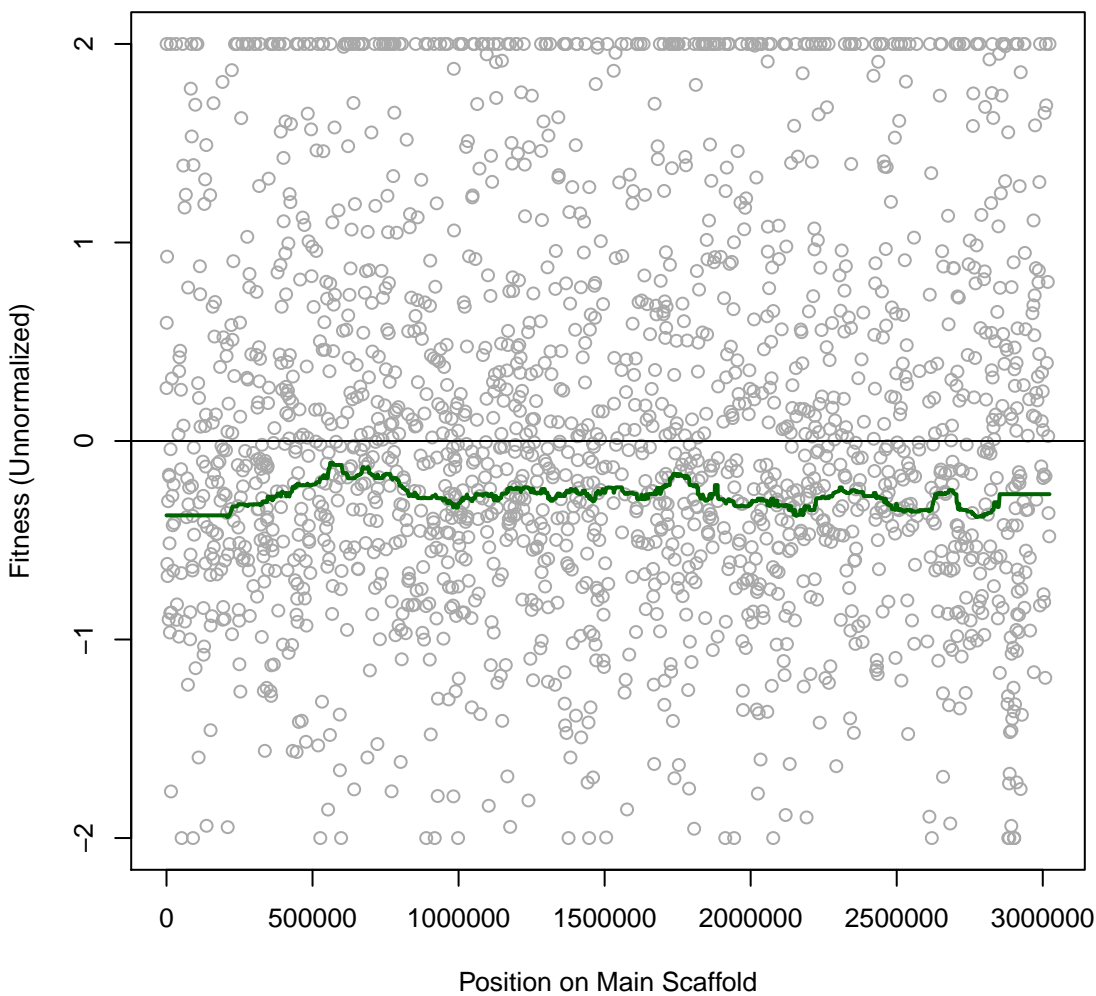


azobra 3IT088 #112 (gMed=11 rho12=0.060)

Furfuryl Alcohol 0.2 vol%

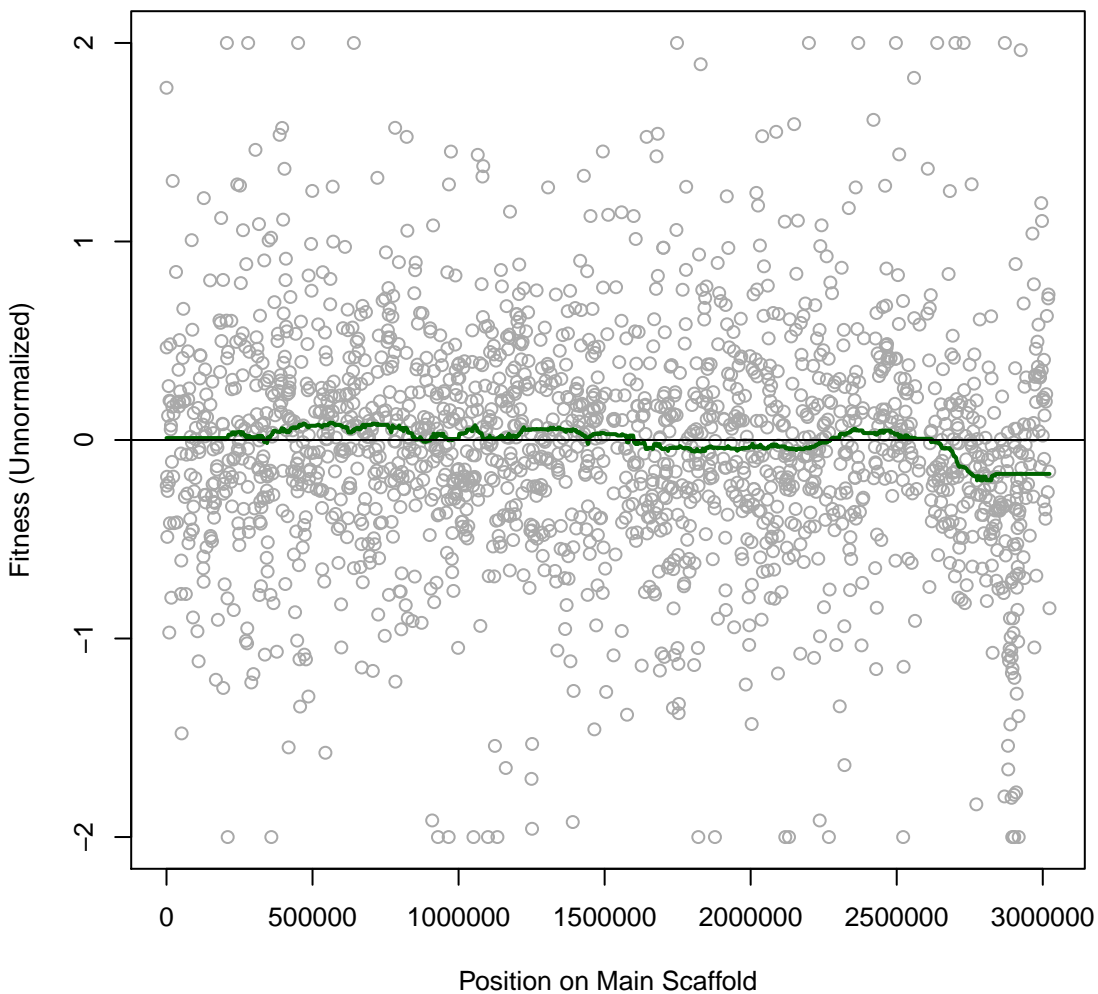


azobra 3IT089 #113 (gMed=14 rho12=0.088)
LB



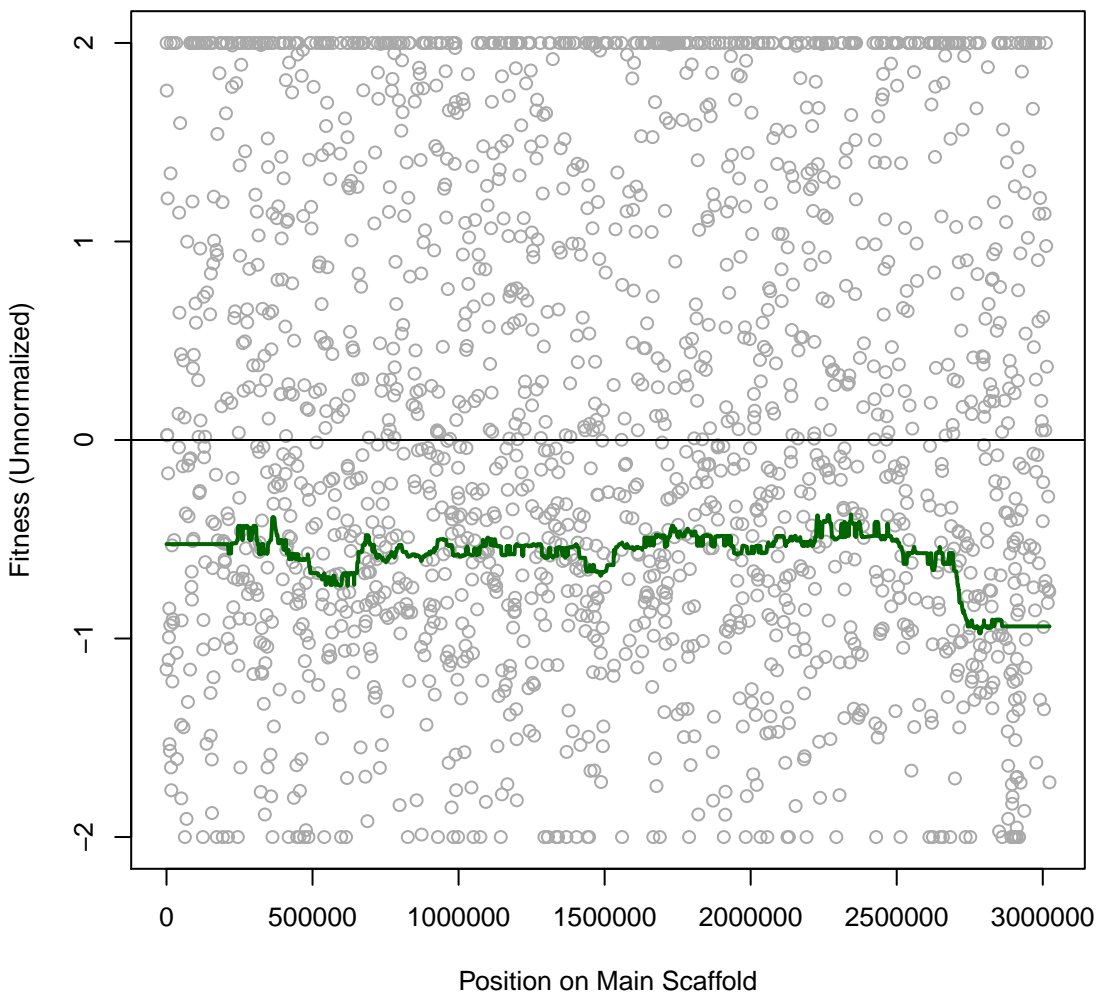
azobra 3IT090 #114 (gMed=36 rho12=0.137)

Choline chloride 100 mM

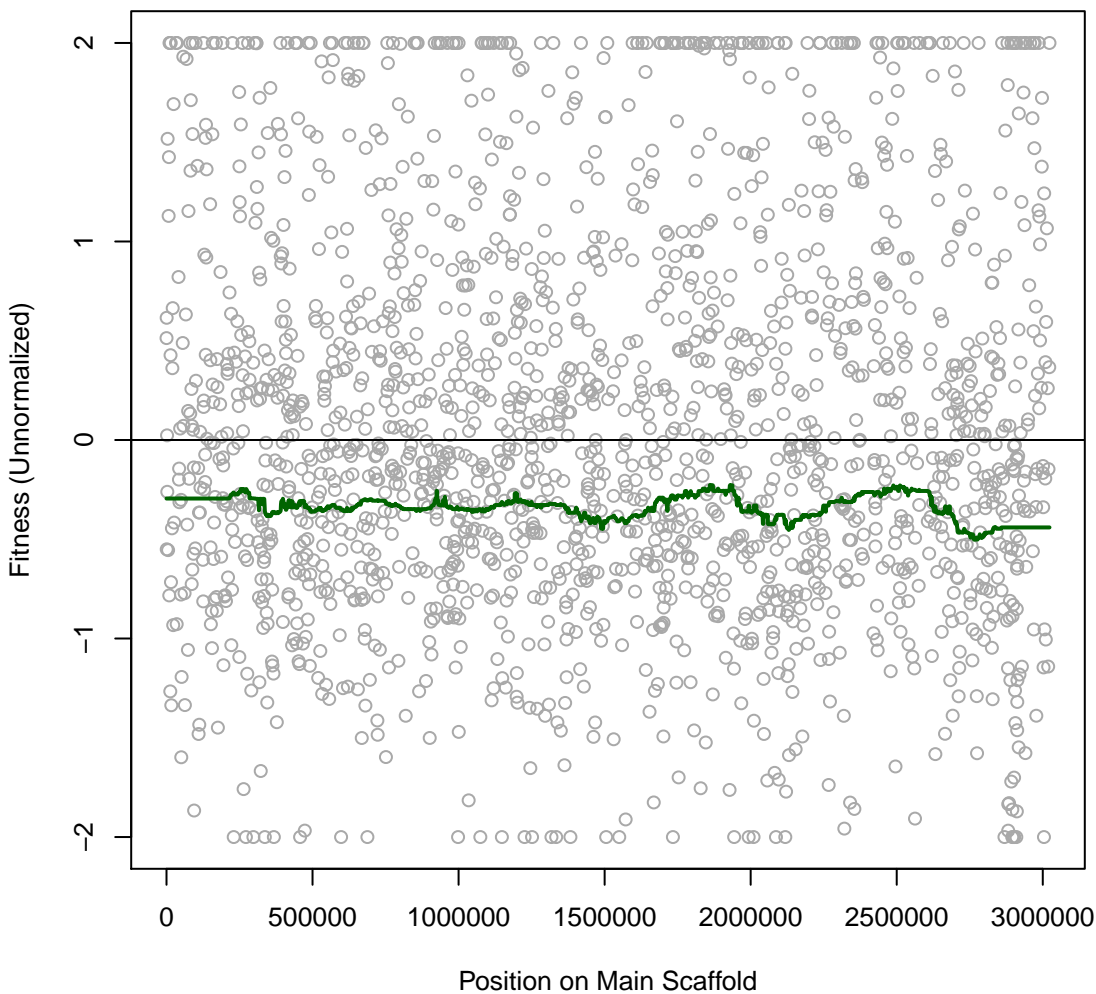


azobra 3IT091 #115 (gMed=22 rho12=0.075)

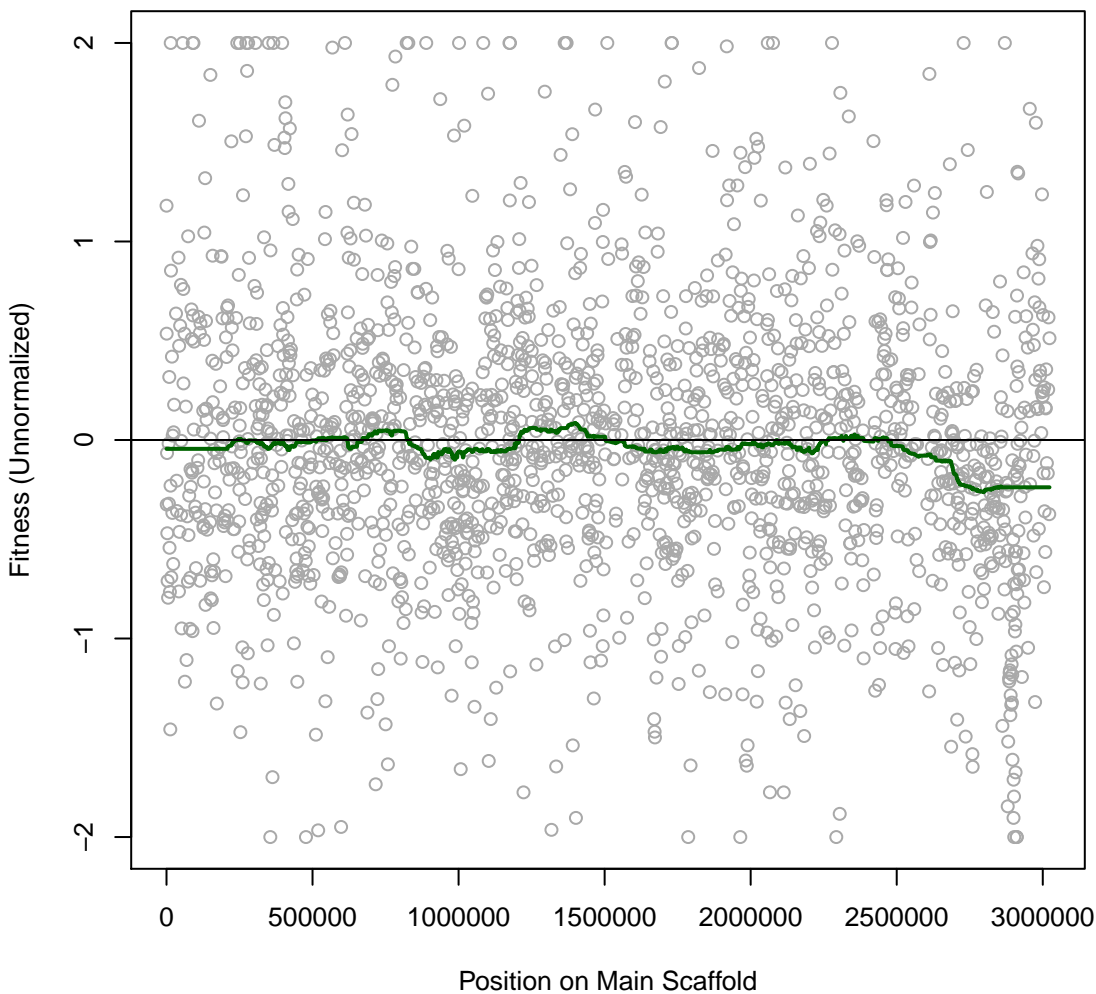
Cholin acetate 25 mM



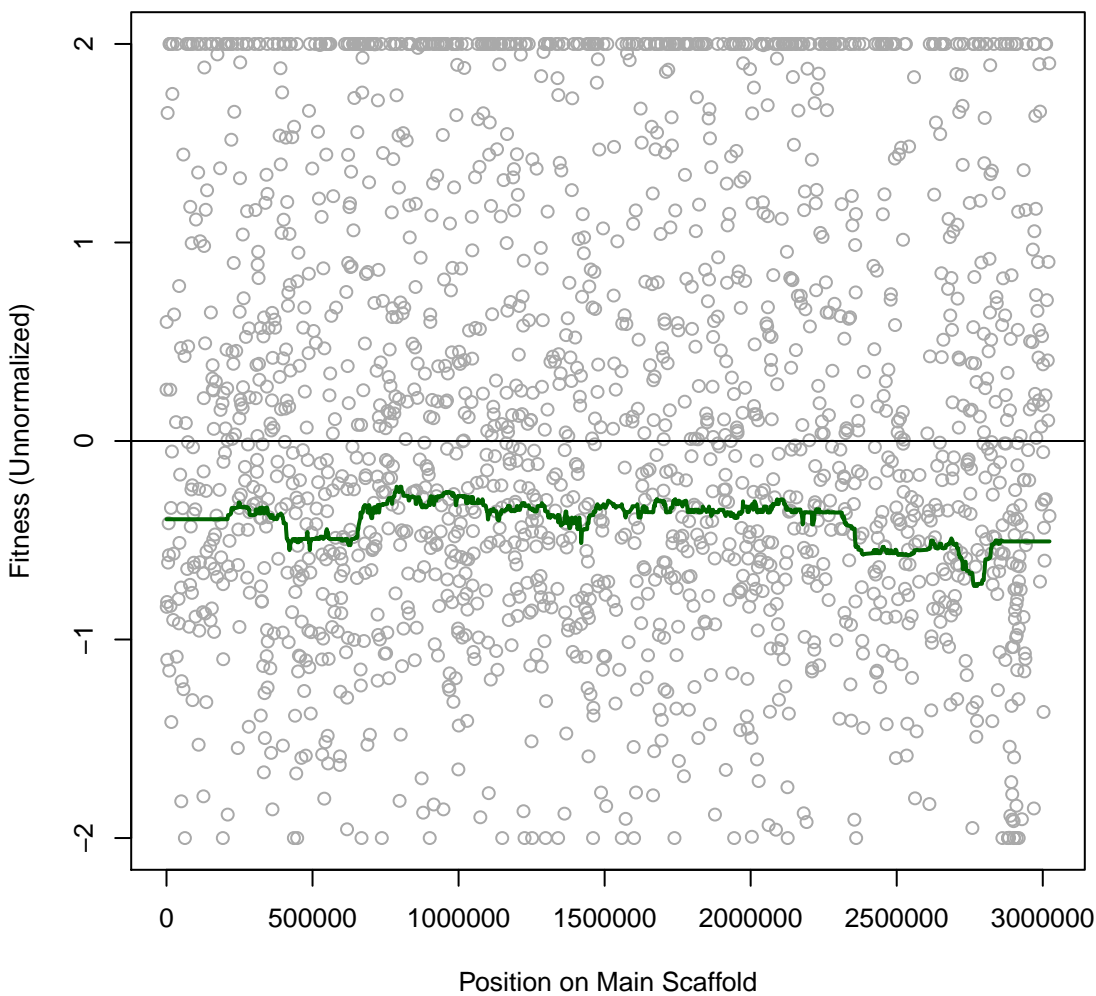
azobra 3IT092 #116 (gMed=63 rho12=0.073)
1-ethyl-3-methylimidazolium chloride 20 mM



azobra 3IT093 #117 (gMed=13 rho12=0.079)
L-Lysine 40 mM

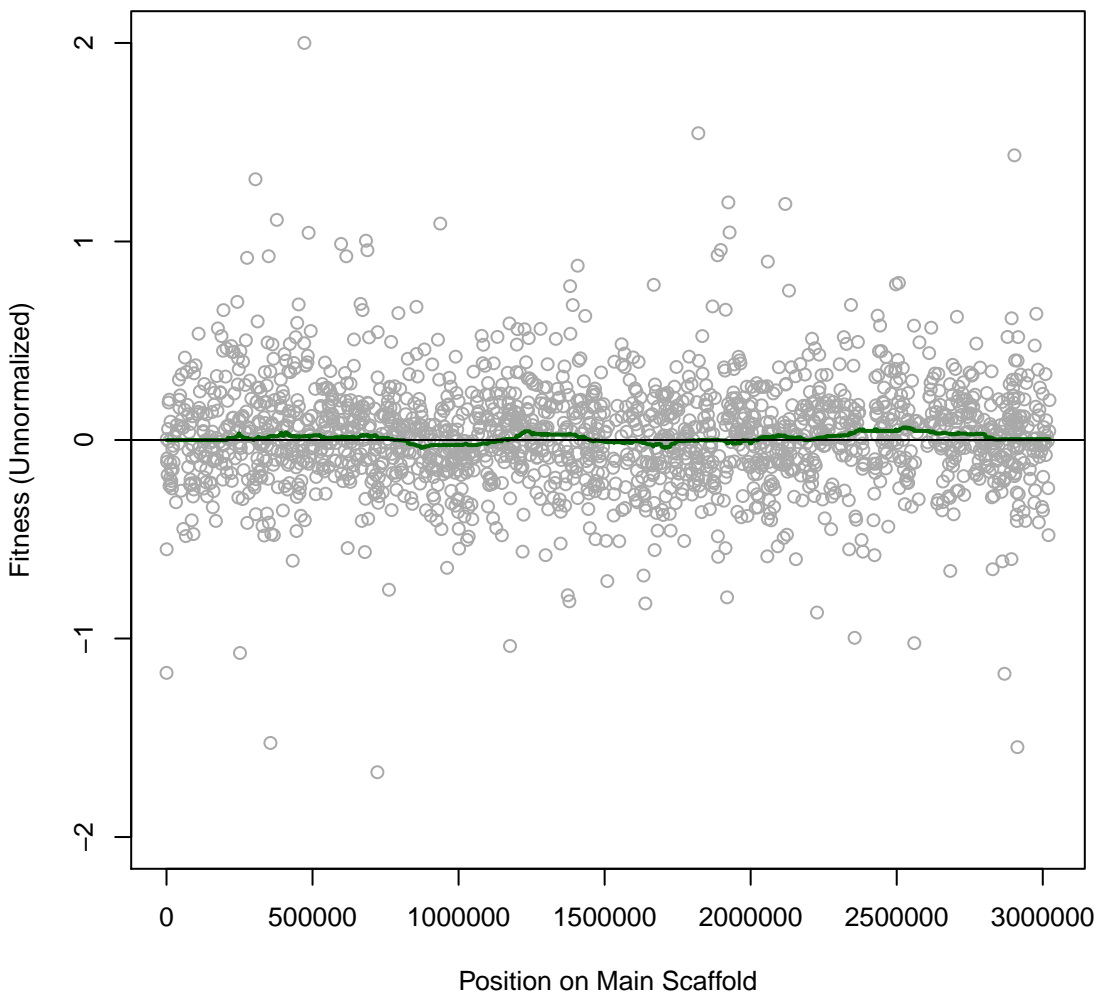


azobra 3IT094 #118 (gMed=13 rho12=0.076)
LB



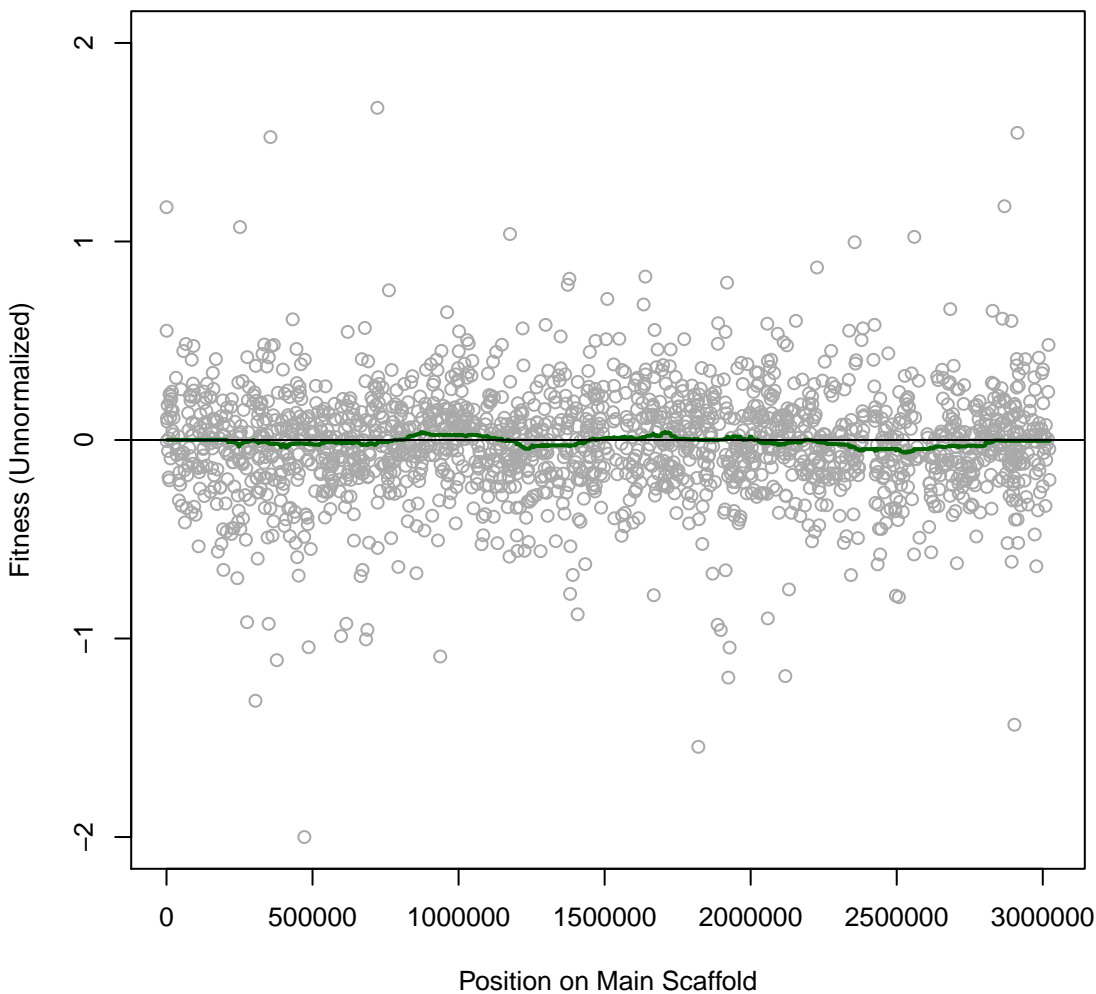
azobra 3IT095 #119 (gMed=262 rho12=0.059)

Time0



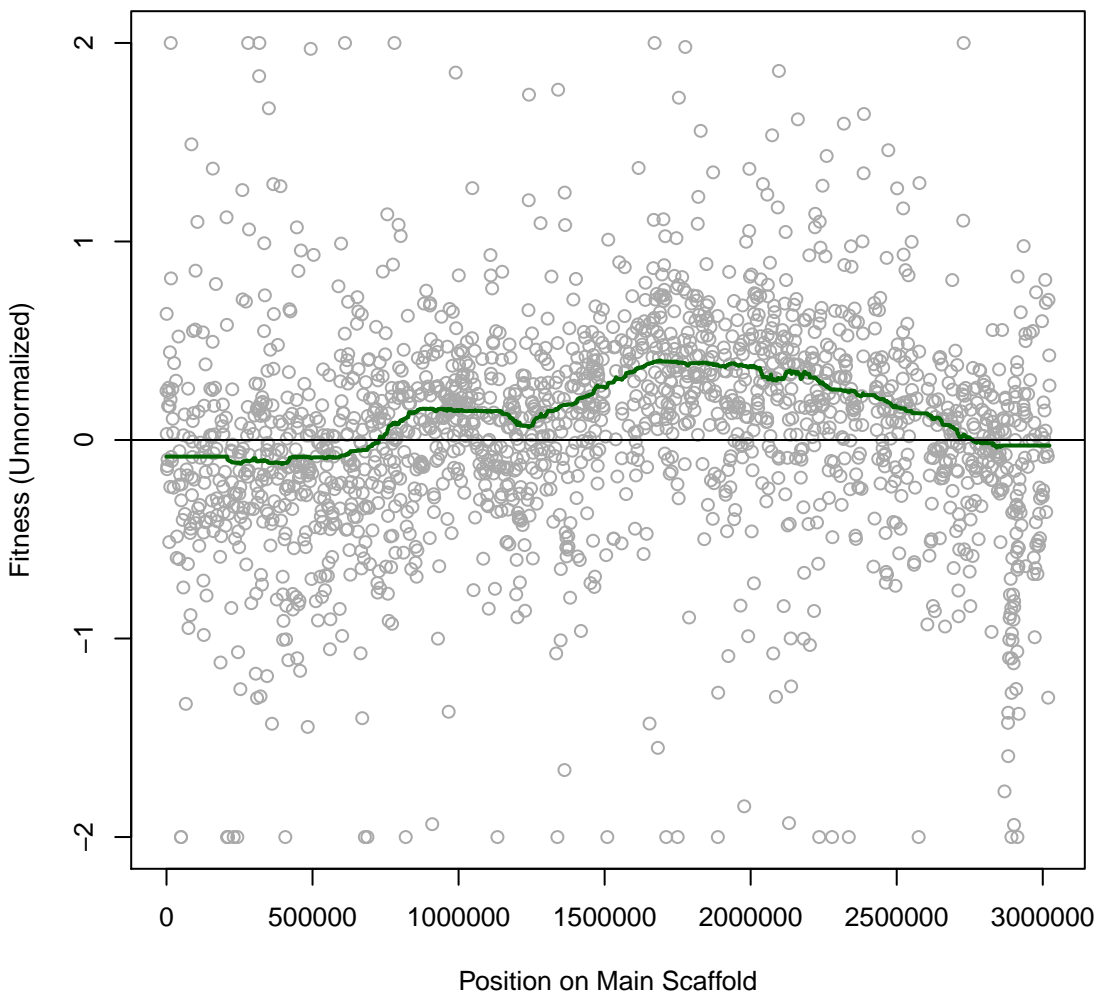
azobra 3IT096 #120 (gMed=265 rho12=0.059)

Time0



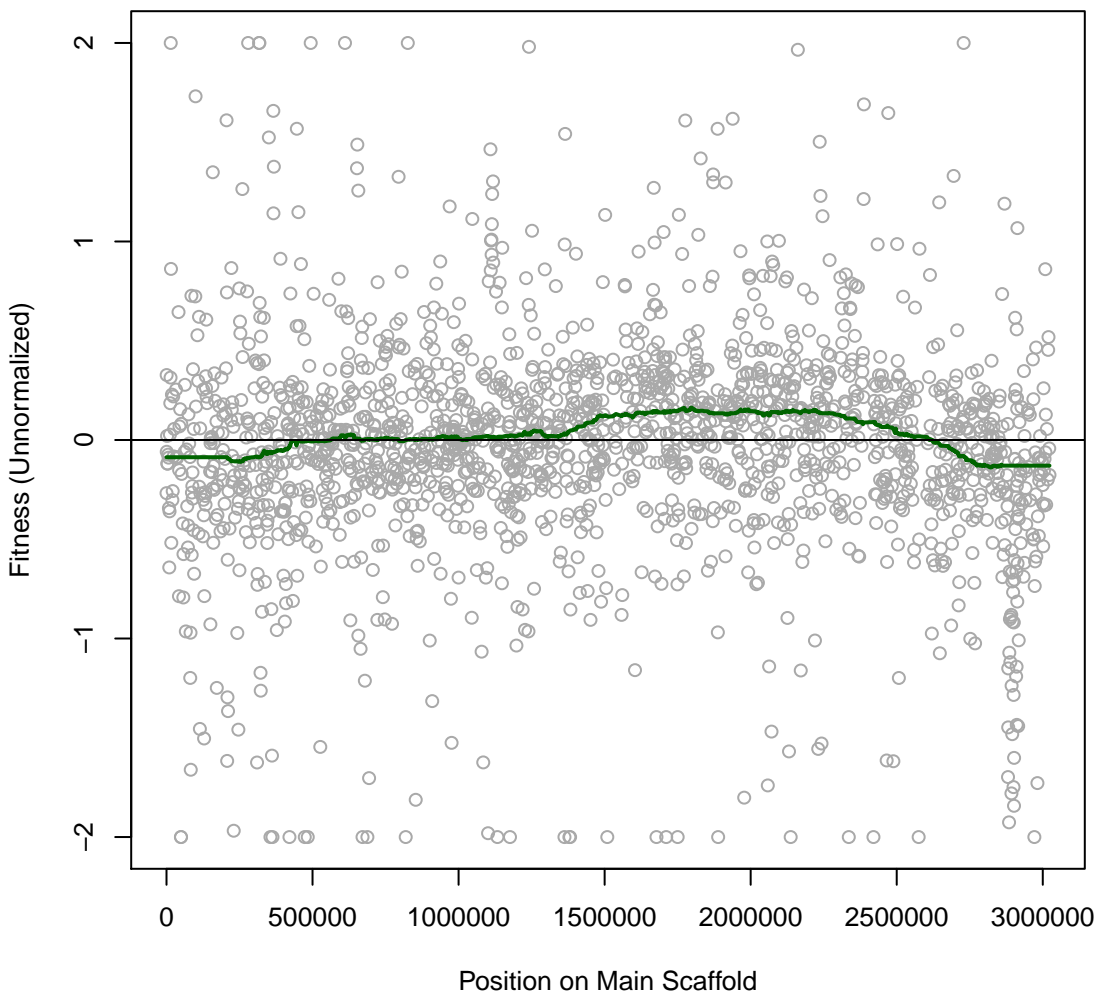
azobra 4IT001 #121 (gMed=211 rho12=0.255)

Cobalt chloride 0.2 mM



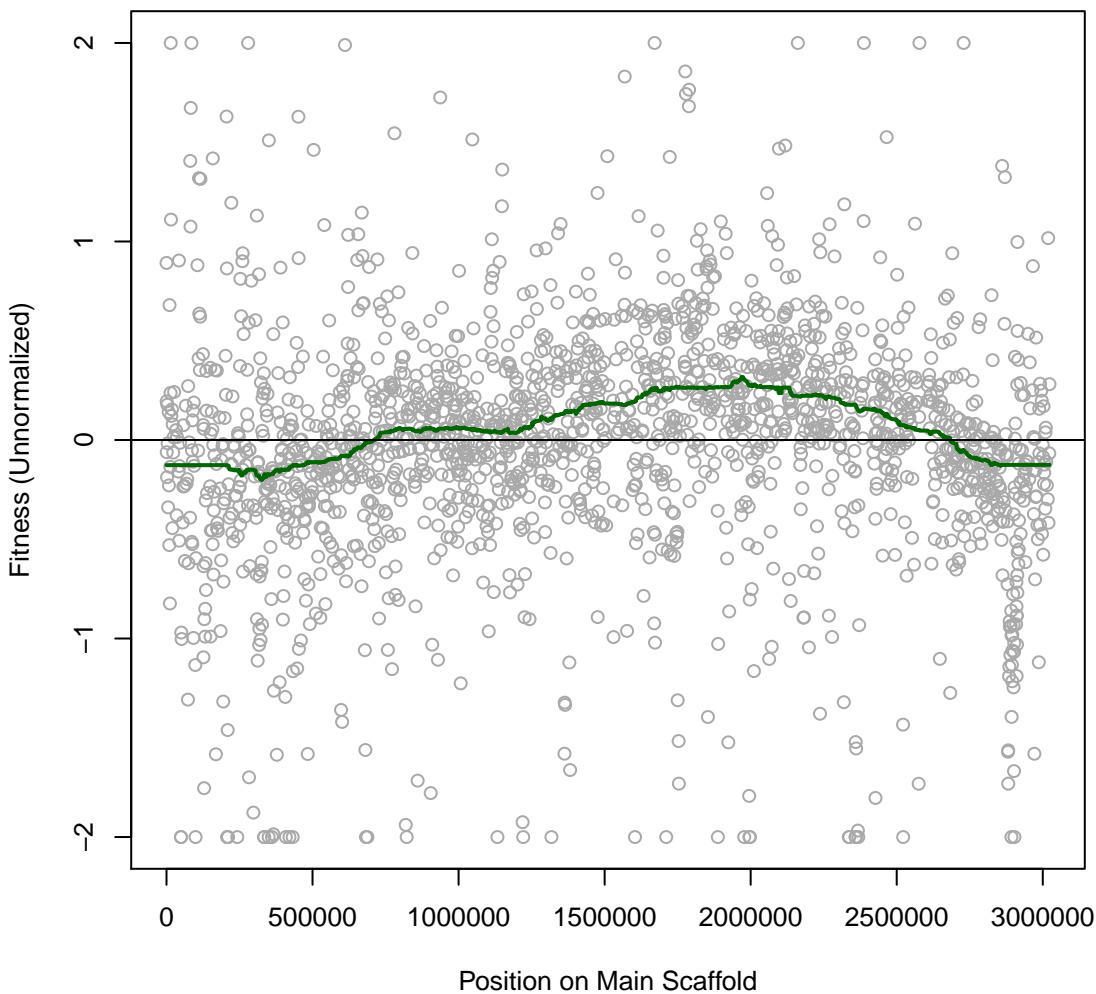
azobra 4IT002 #122 (gMed=245 rho12=0.168)

Cobalt chloride 0.3 mM



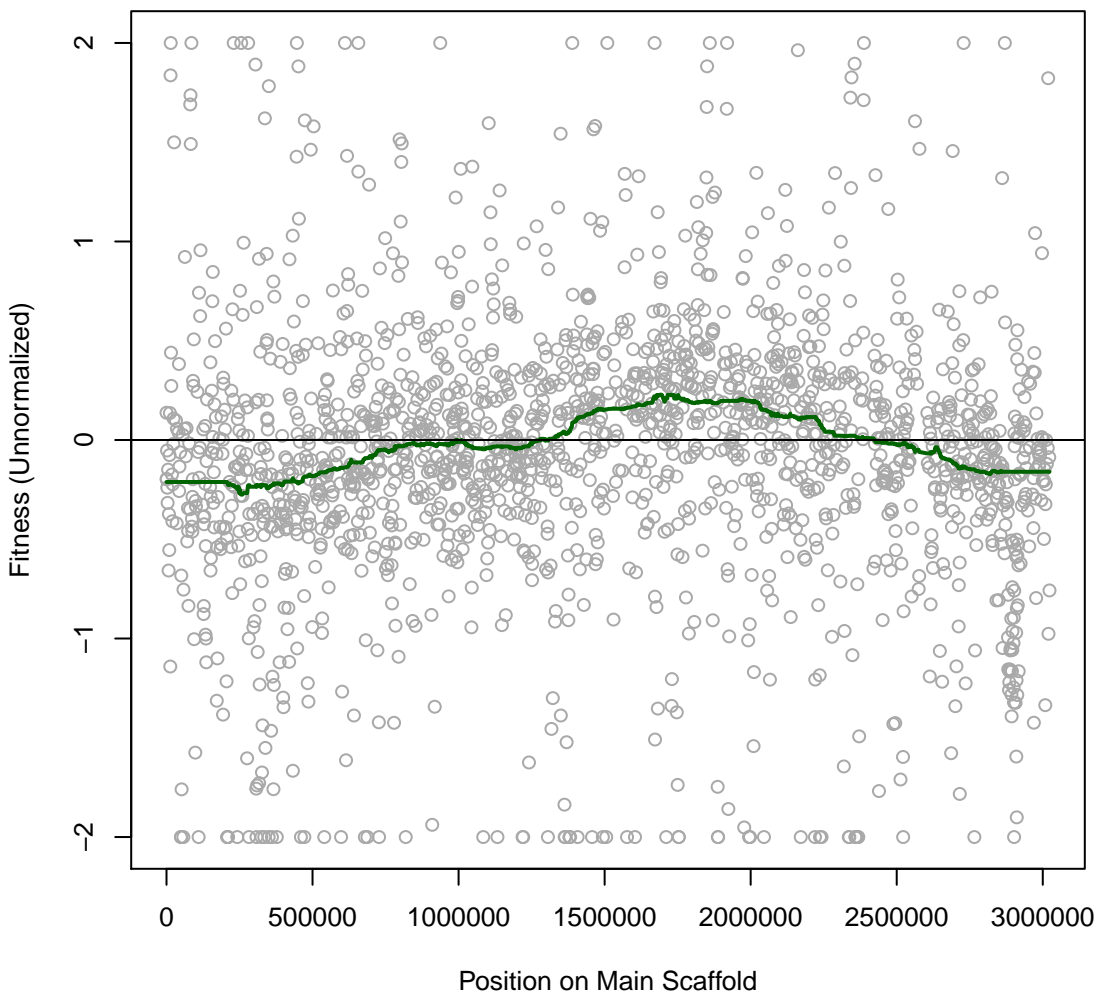
azobra 4IT003 #123 (gMed=295 rho12=0.198)

Paraquat dichloride 0.02 mg/ml



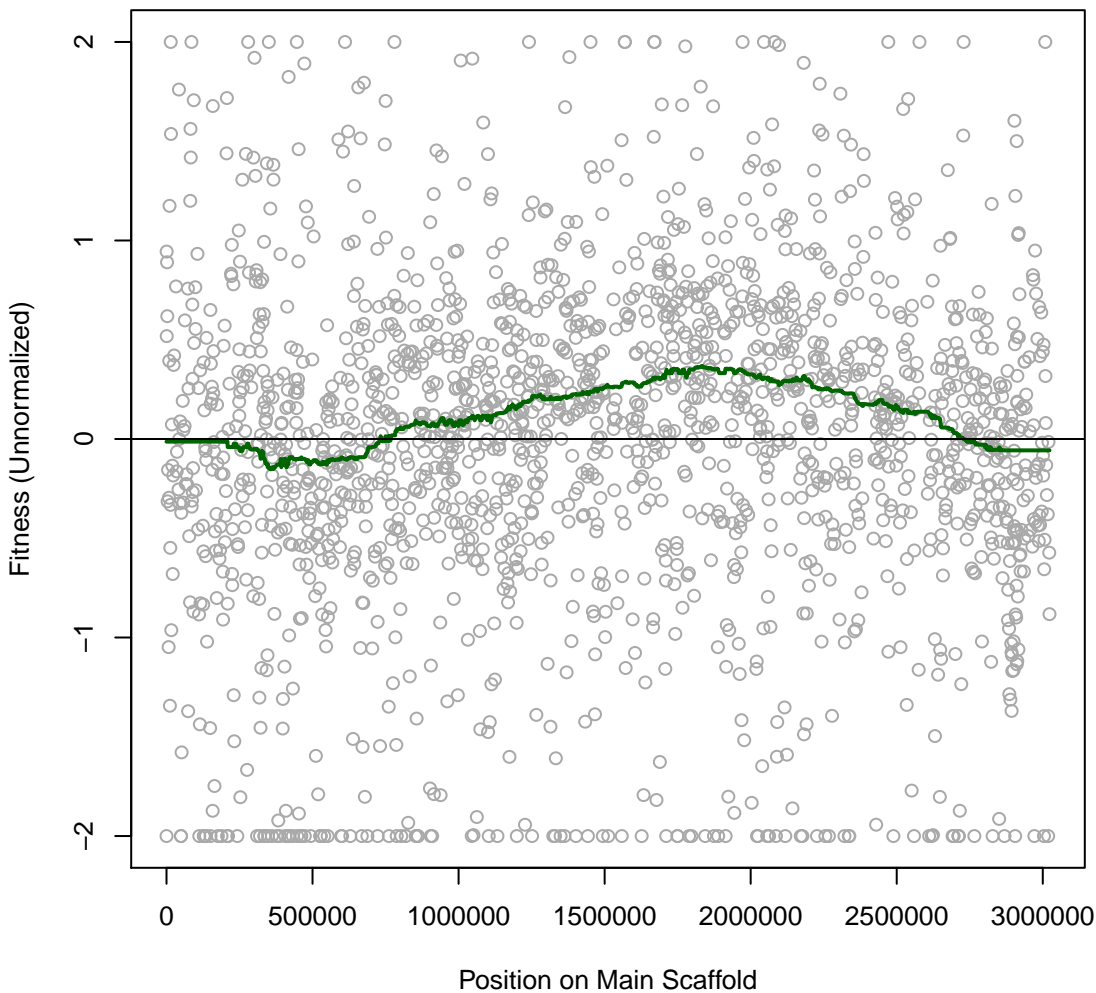
azobra 4IT004 #124 (gMed=277 rho12=0.203)

Paraquat dichloride 0.04 mg/ml



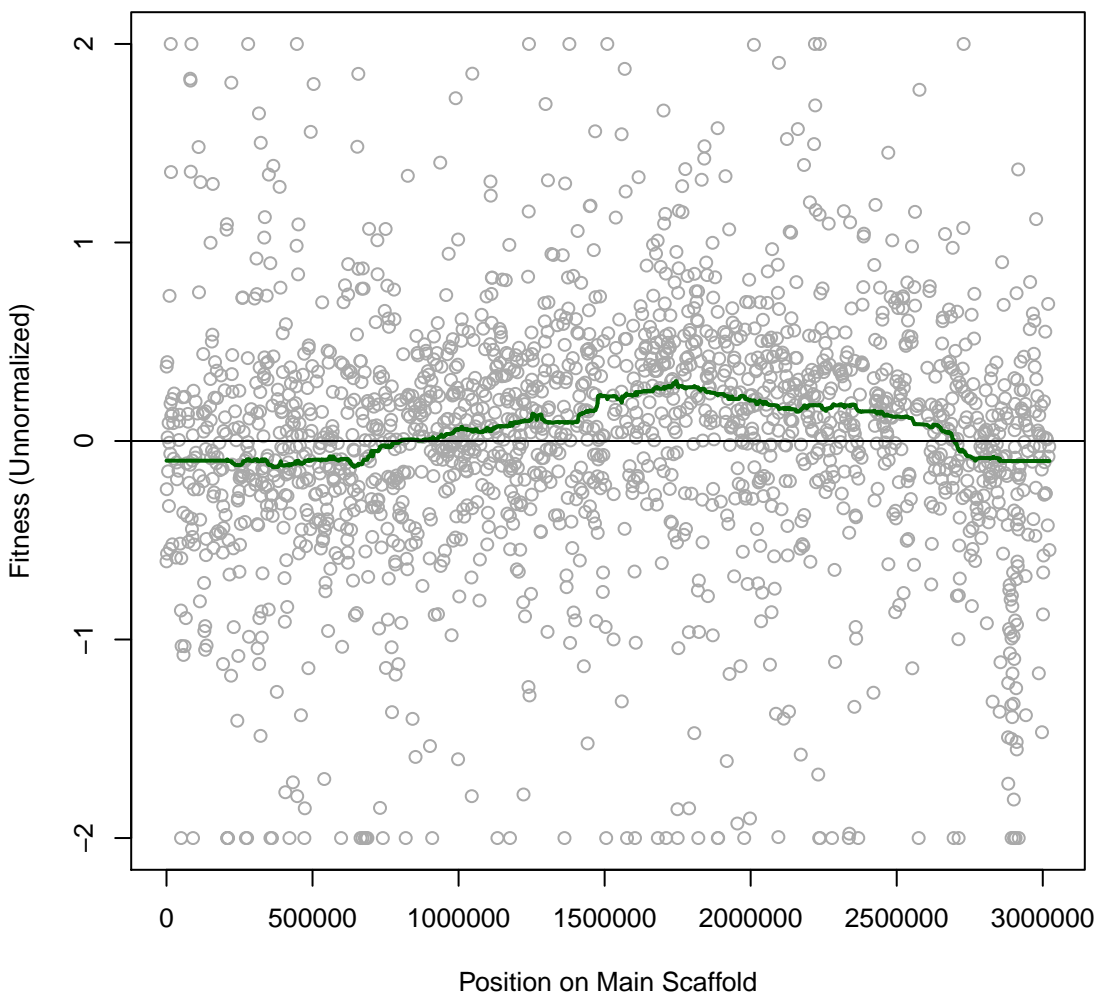
azobra 4IT005 #125 (gMed=280 rho12=0.145)

Cisplatin 0.005 mg/ml



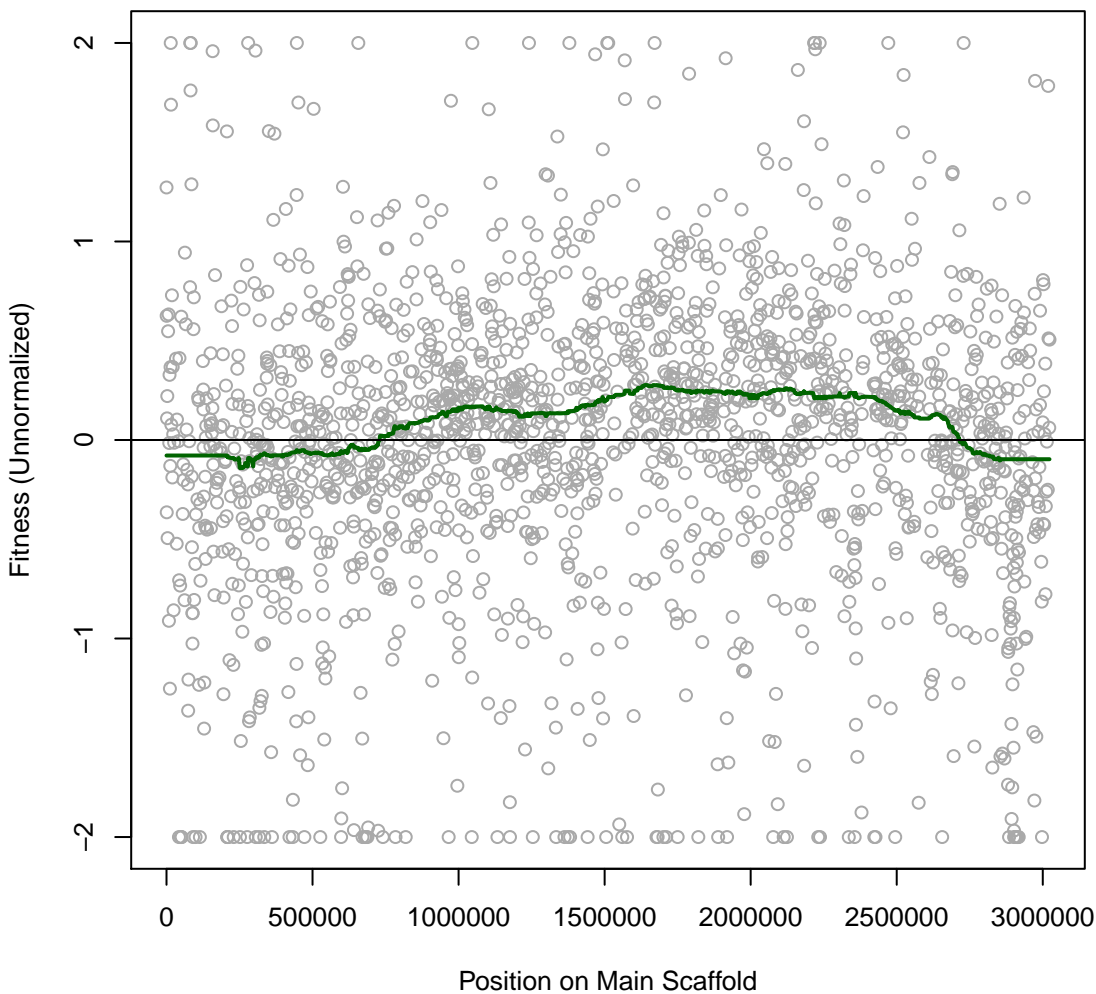
azobra 4IT006 #126 (gMed=326 rho12=0.144)

Sisomicin 0.01 mg/ml



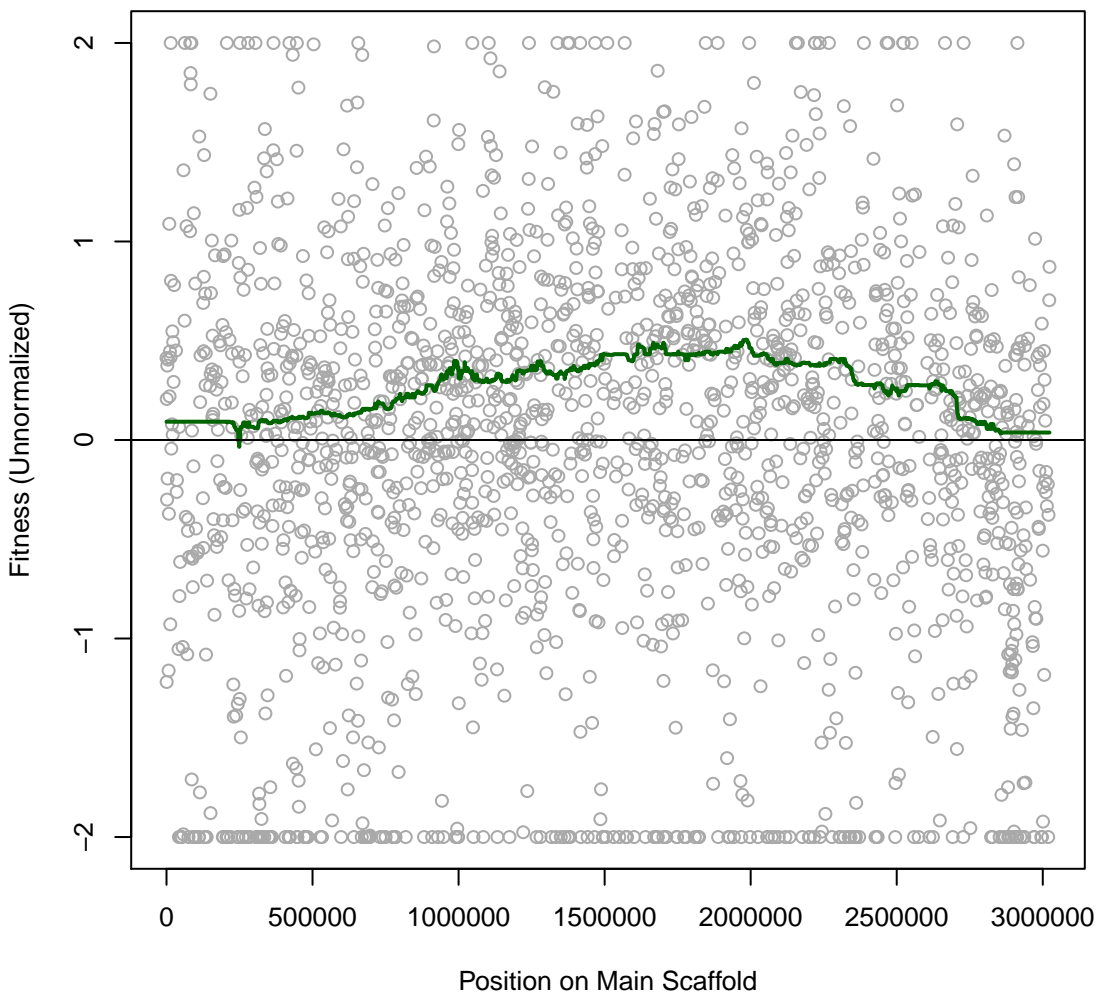
azobra 4IT007 #127 (gMed=279 rho12=0.146)

Sisomicin 0.015 mg/ml



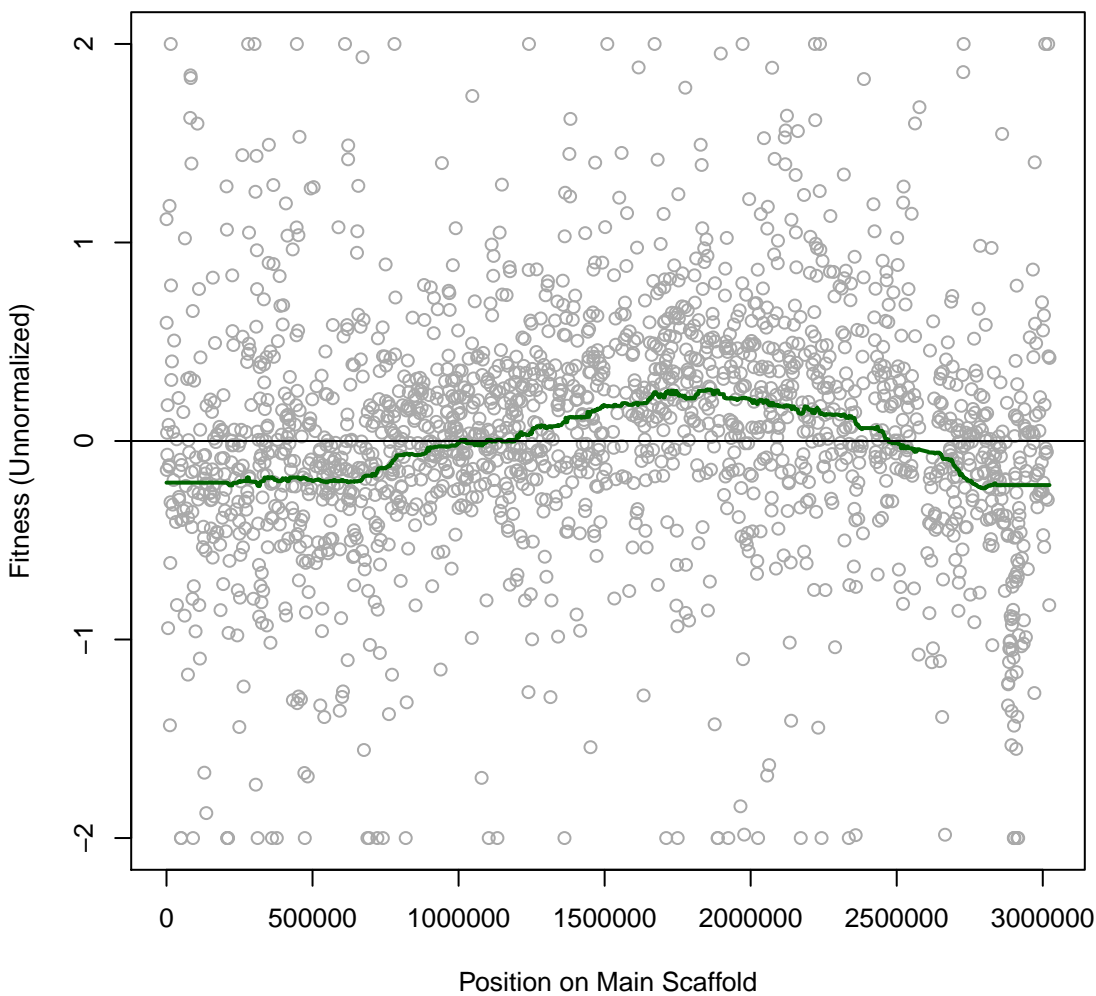
azobra 4IT008 #128 (gMed=289 rho12=0.103)

Sisomicin 0.02 mg/ml



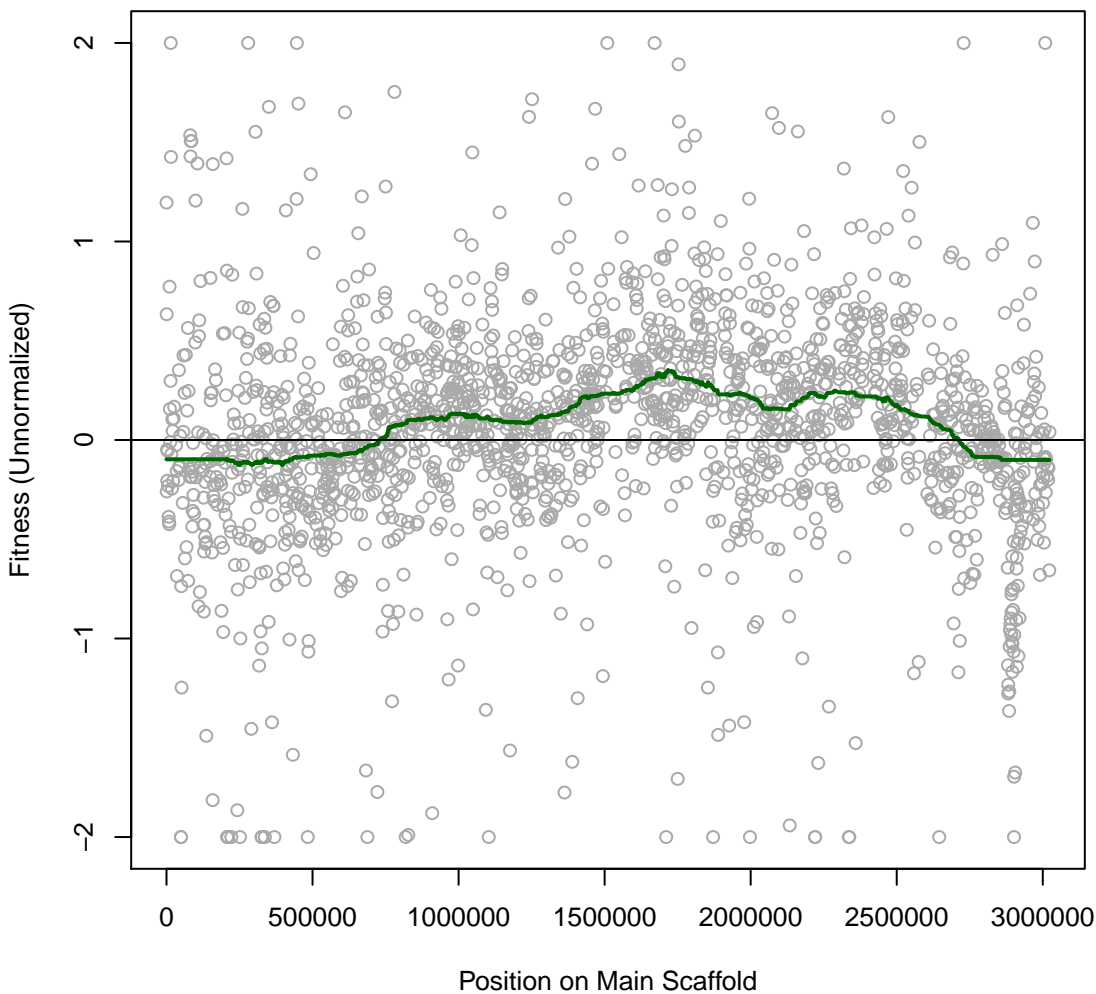
azobra 4IT009 #129 (gMed=310 rho12=0.152)

LB



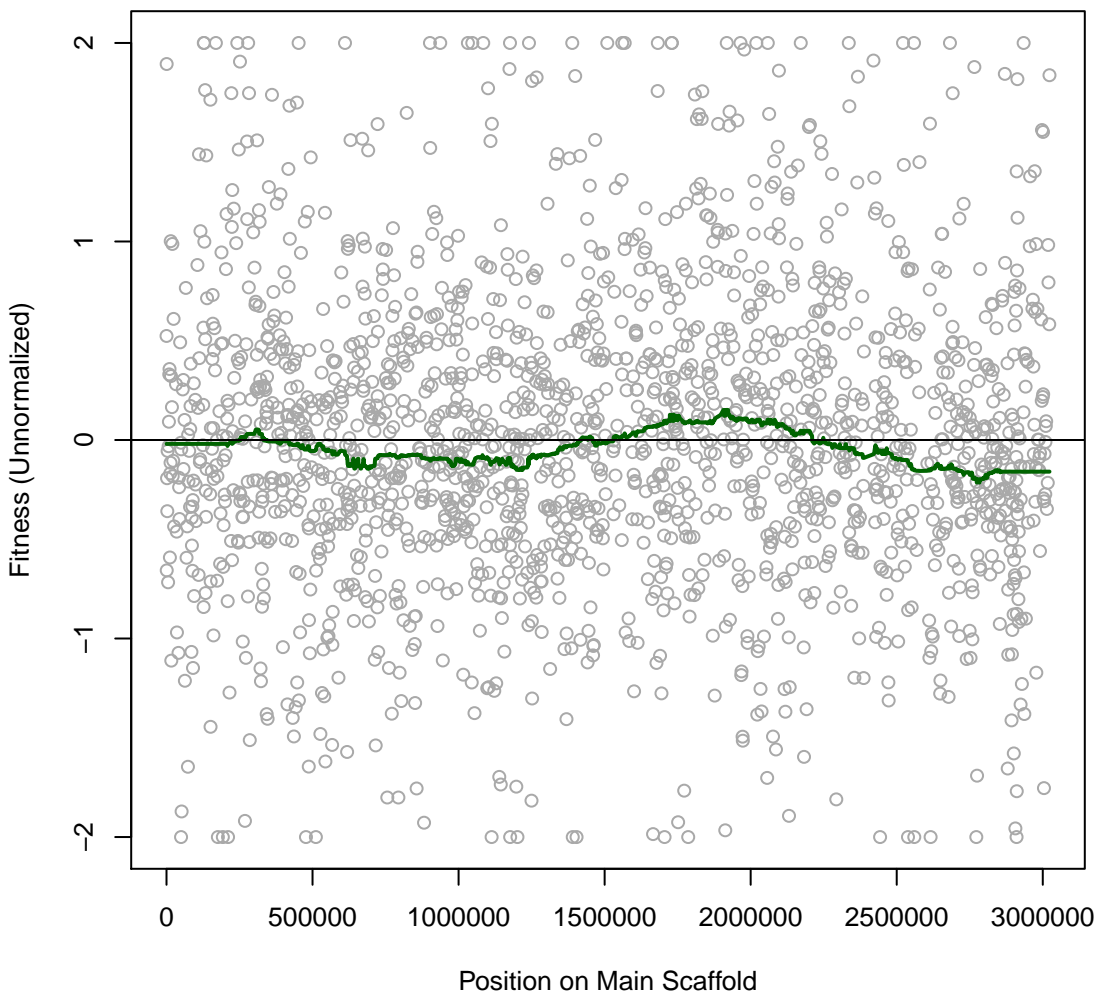
azobra 4IT010 #130 (gMed=258 rho12=0.204)

Chlorite 1 mM



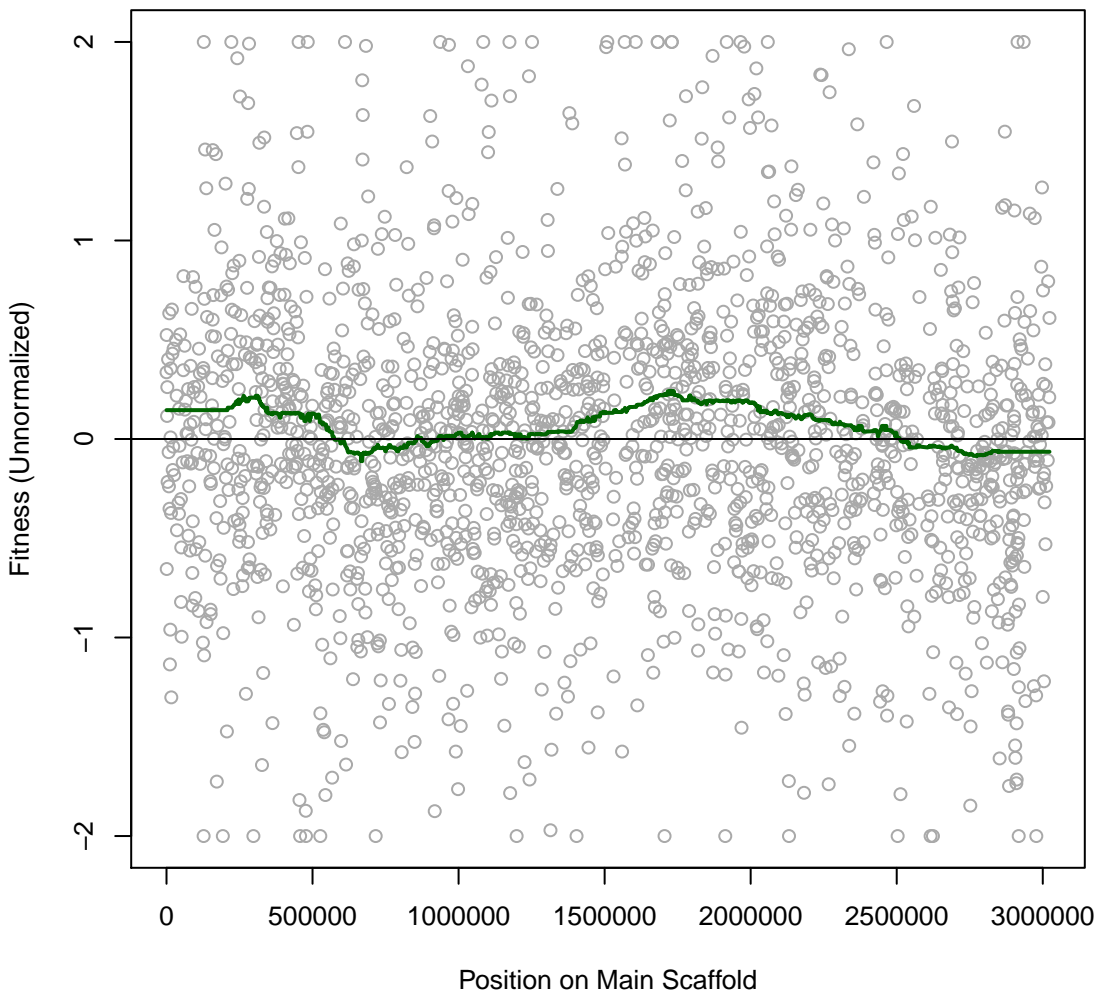
azobra 4IT011 #131 (gMed=6 rho12=0.023)

Polymyxin B sulfate 0.04 mg/ml



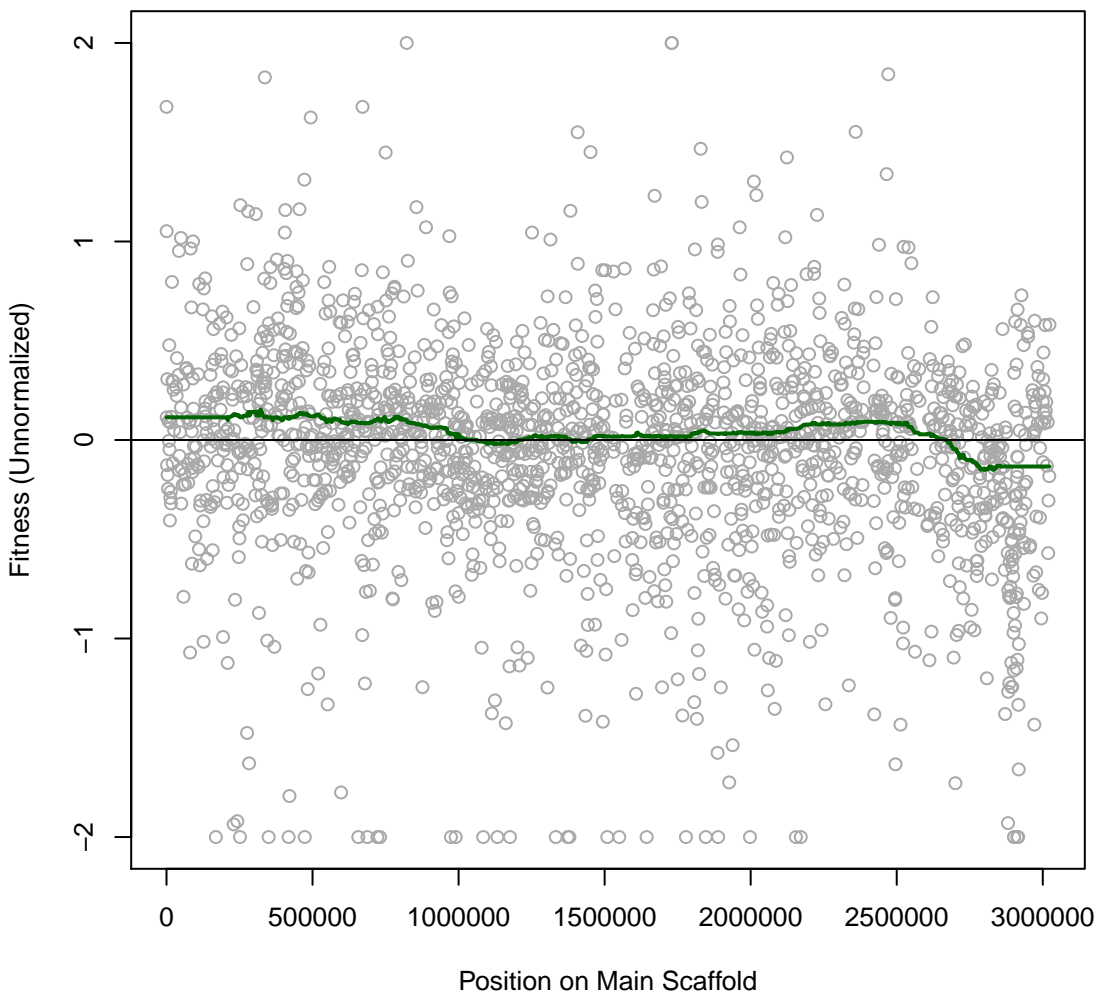
azobra 4IT012 #132 (gMed=8 rho12=0.018)

Polymyxin B sulfate 0.06 mg/ml



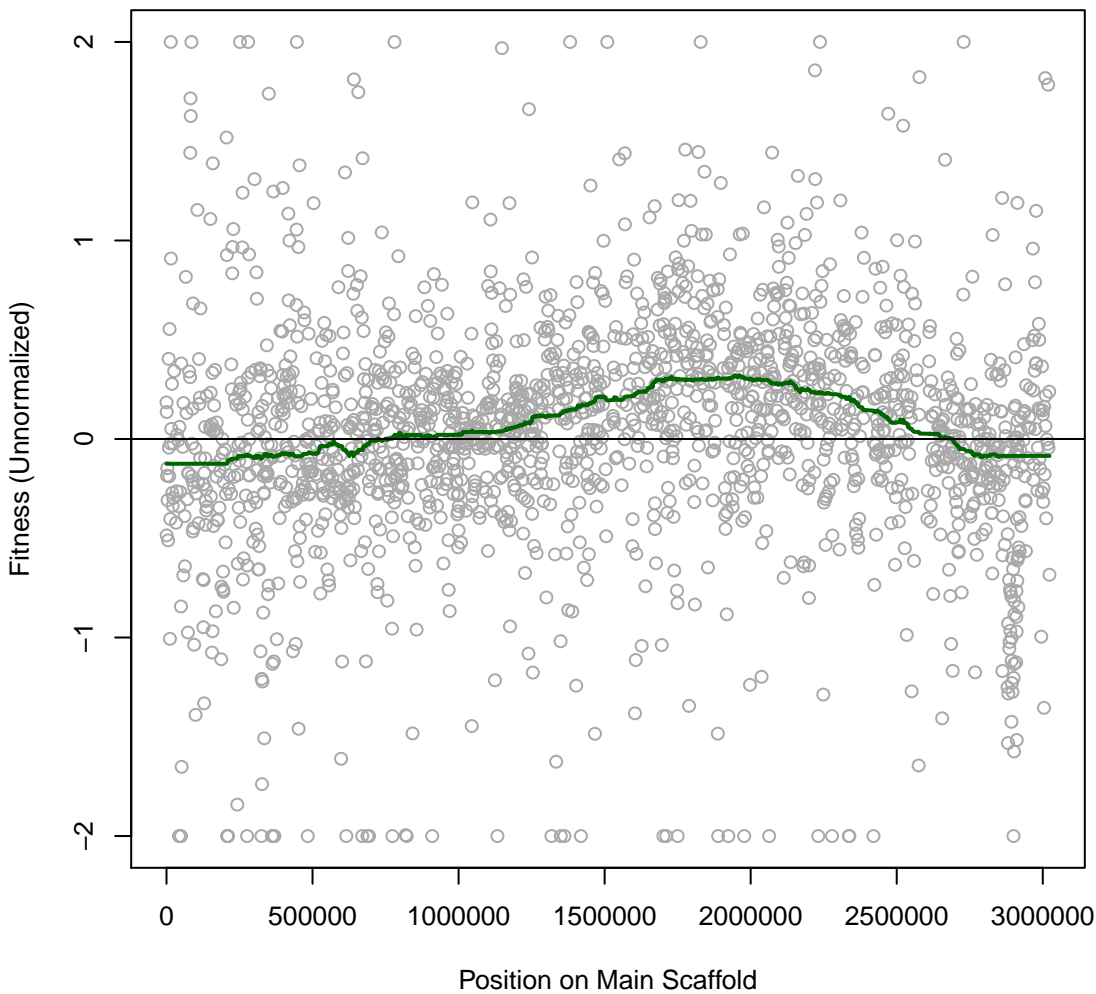
azobra 4IT013 #133 (gMed=257 rho12=0.024)

Chloride 350 mM



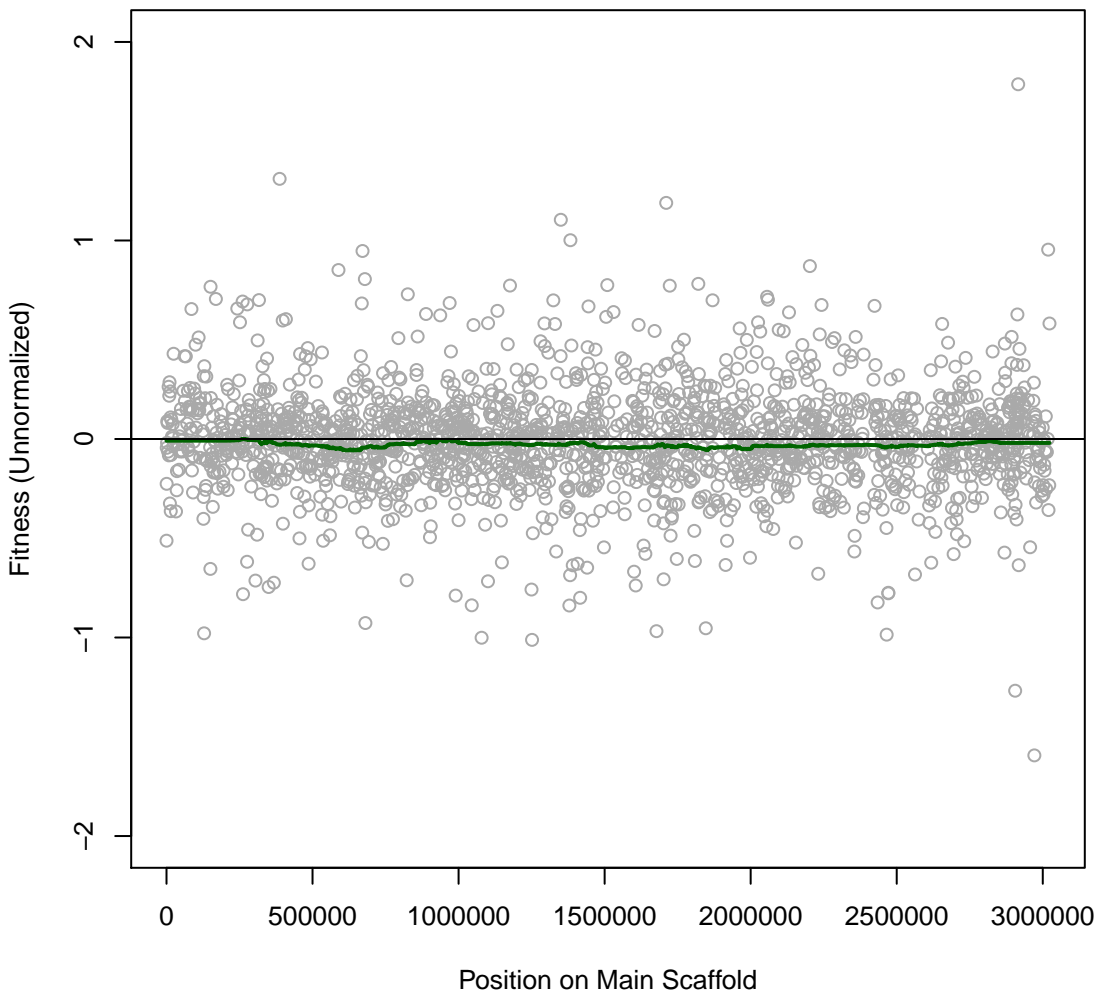
azobra 4IT014 #134 (gMed=218 rho12=0.173)

LB



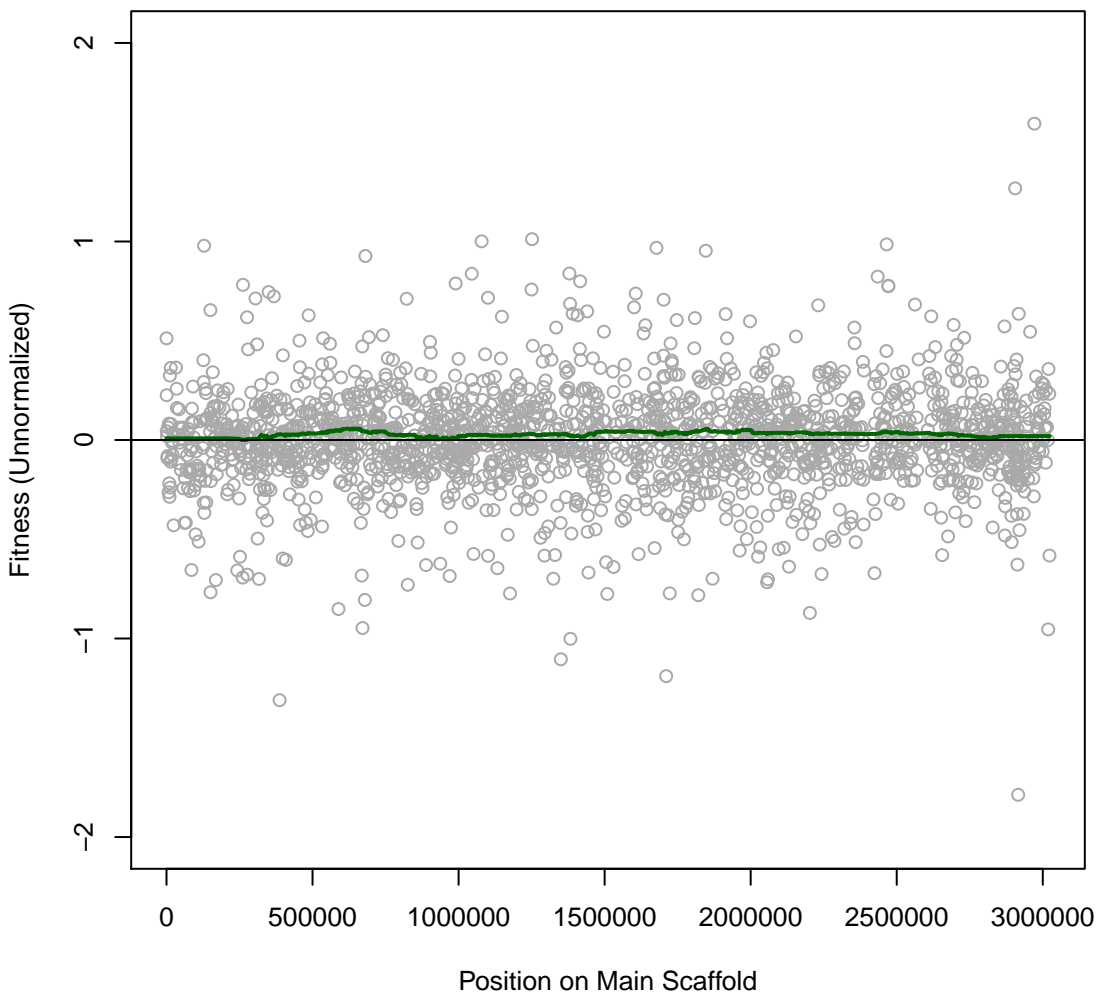
azobra 4IT015 #135 (gMed=230 rho12=0.009)

Time0

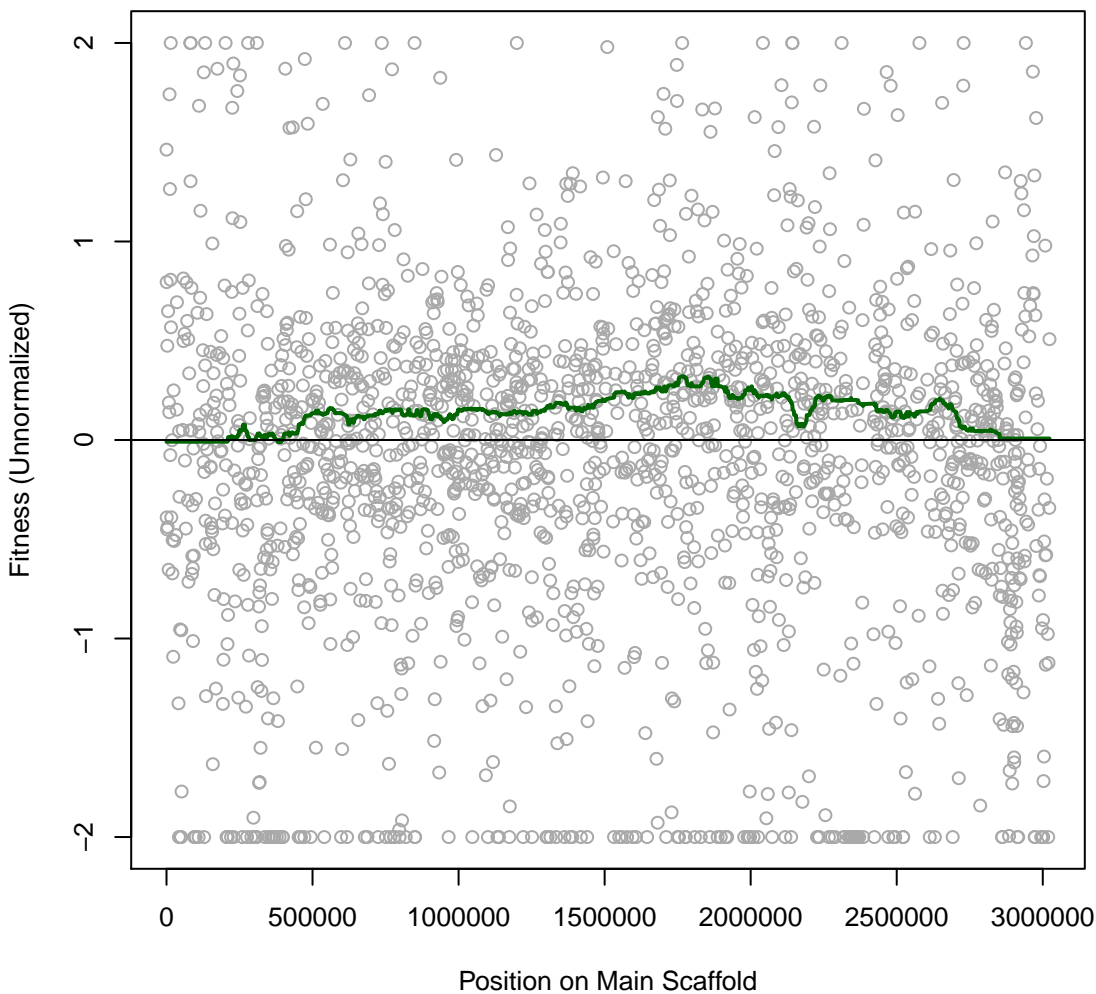


azobra 4IT016 #136 (gMed=368 rho12=0.009)

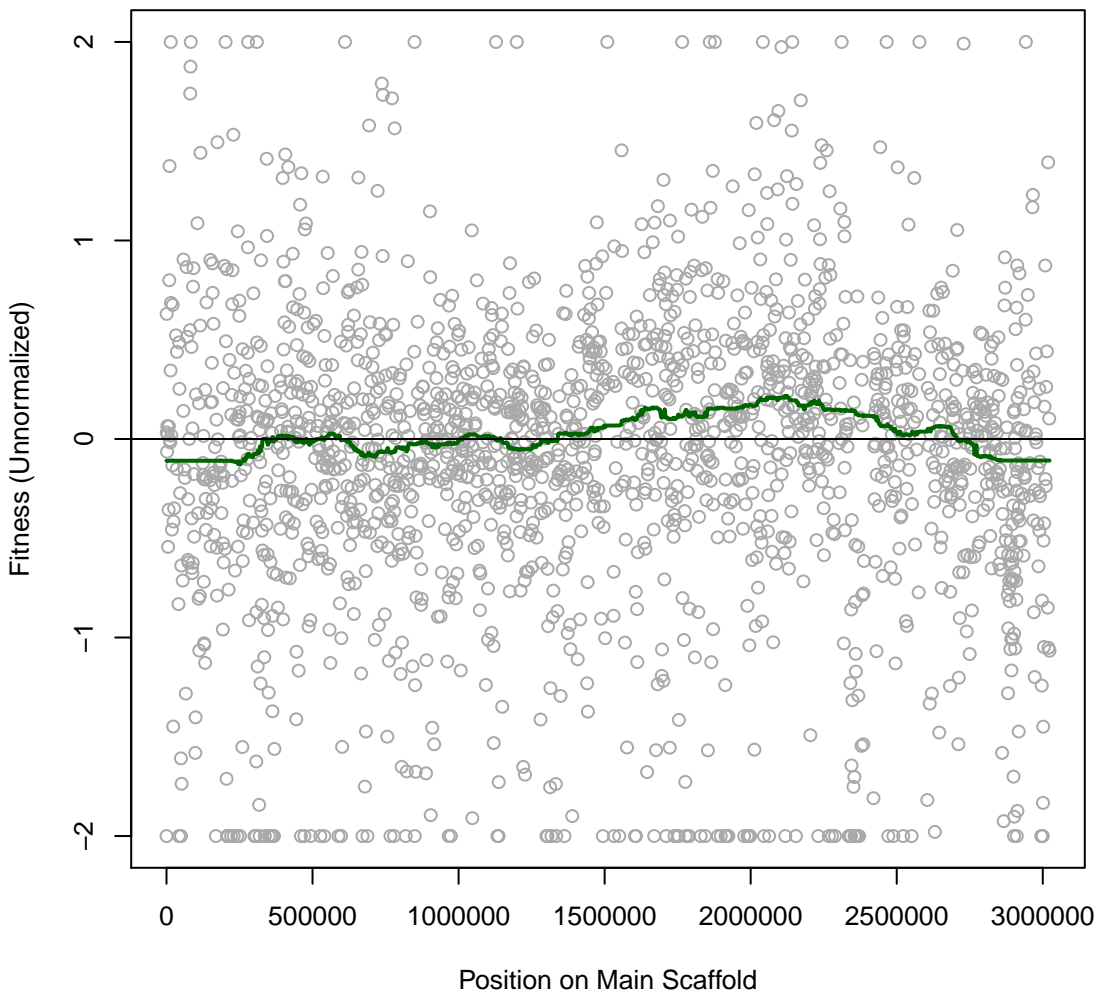
Time0



azobra 4IT017 #137 (gMed=194 rho12=0.243)
outer cut, LB soft agar motility assay

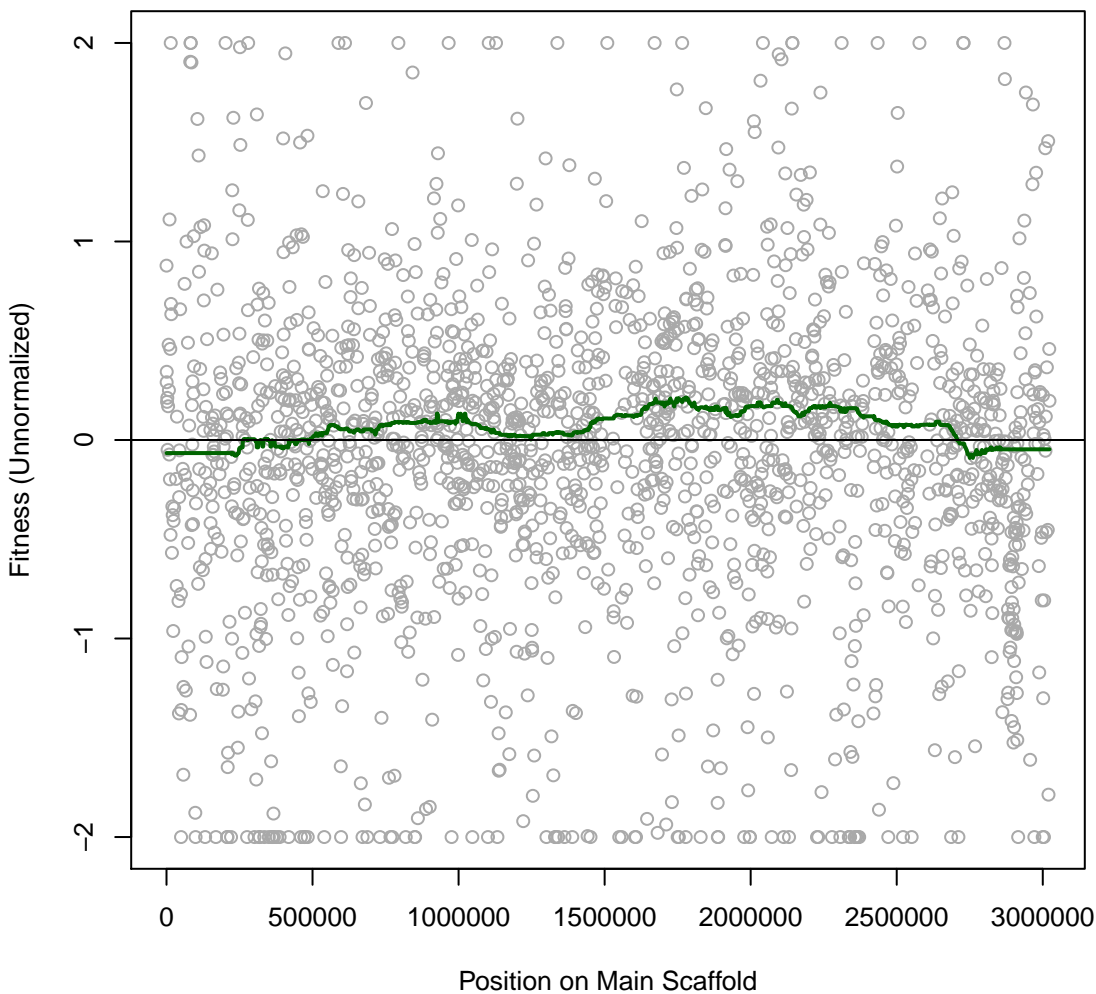


azobra 4IT018 #138 (gMed=235 rho12=0.244)
outer cut, LB soft agar motility assay

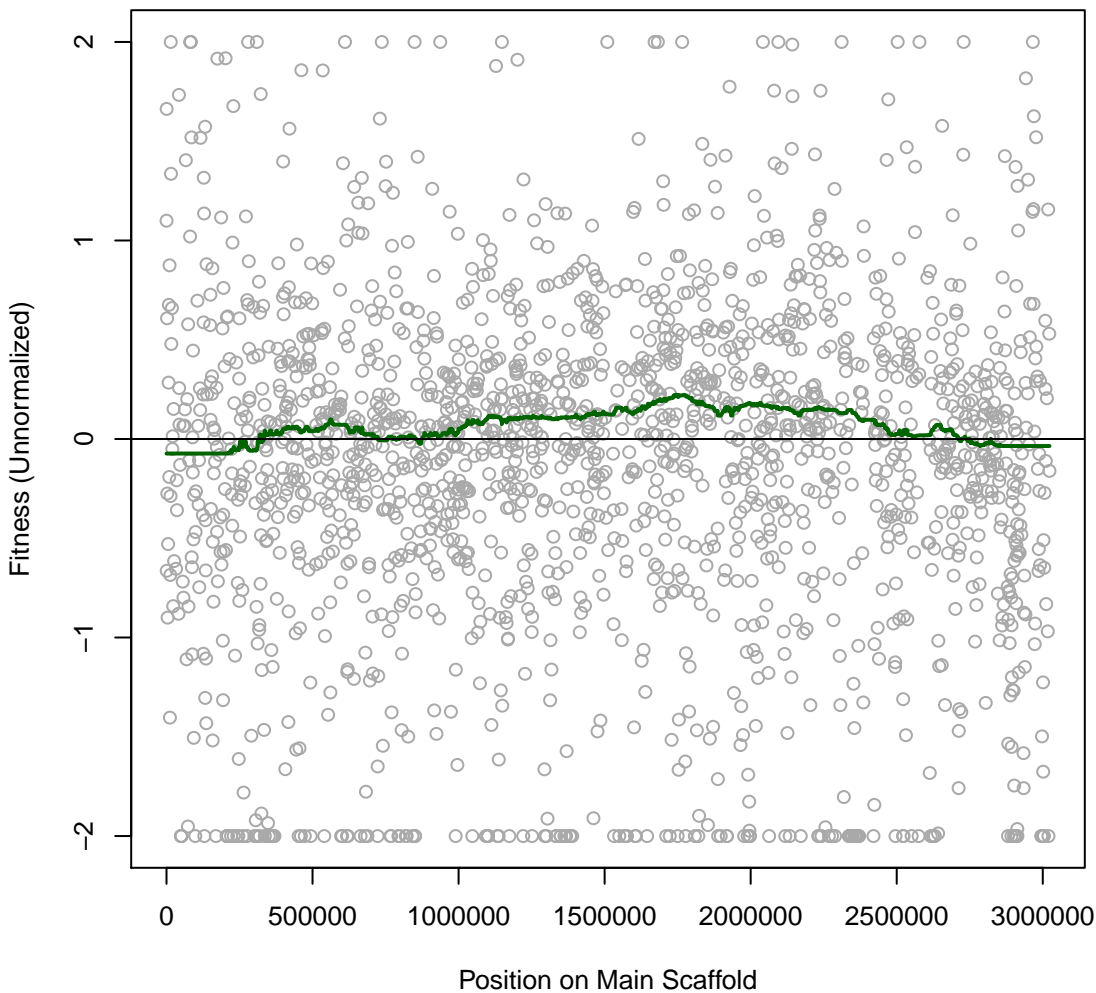


azobra 4IT019 #139 (gMed=207 rho12=0.197)

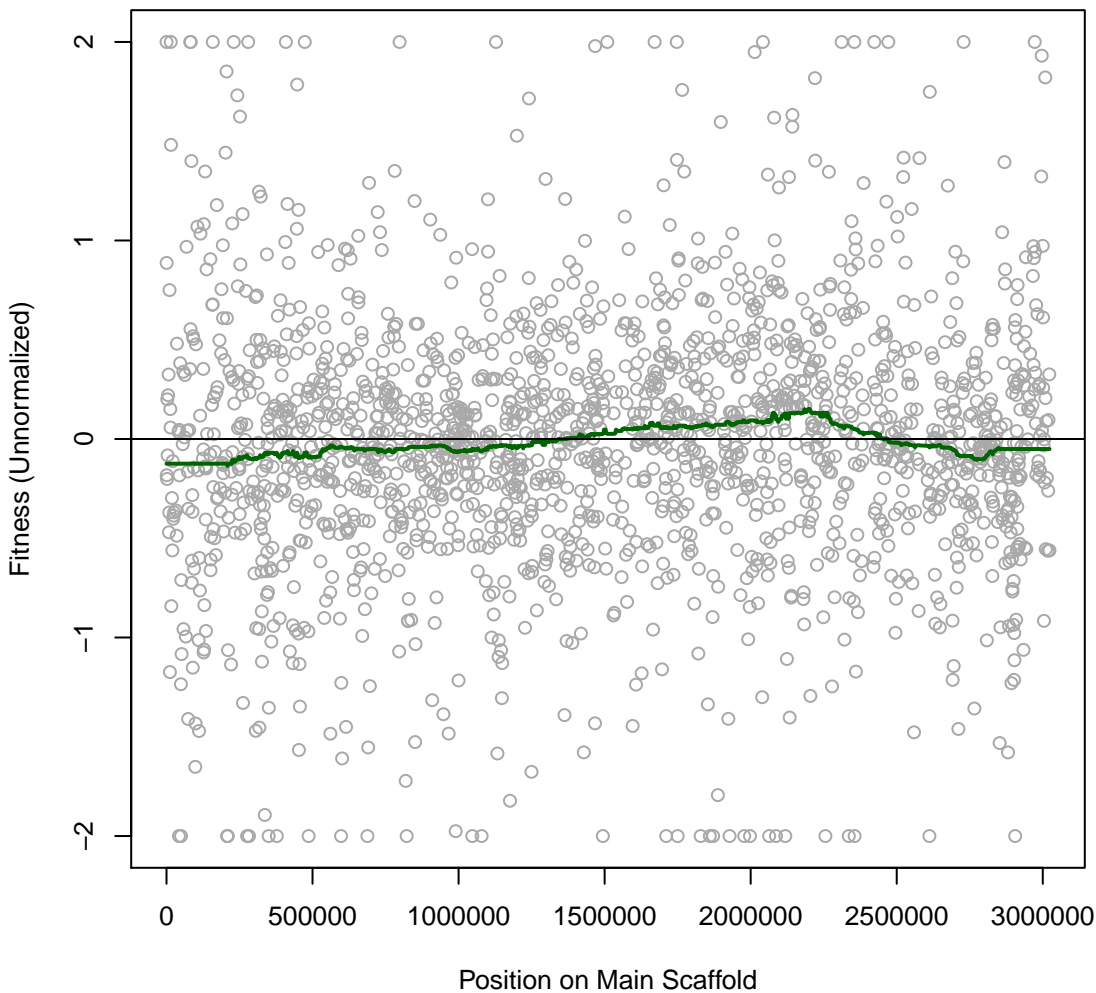
outer cut, LB soft agar motility assay



azobra 4IT020 #140 (gMed=231 rho12=0.220)
outer cut, LB soft agar motility assay

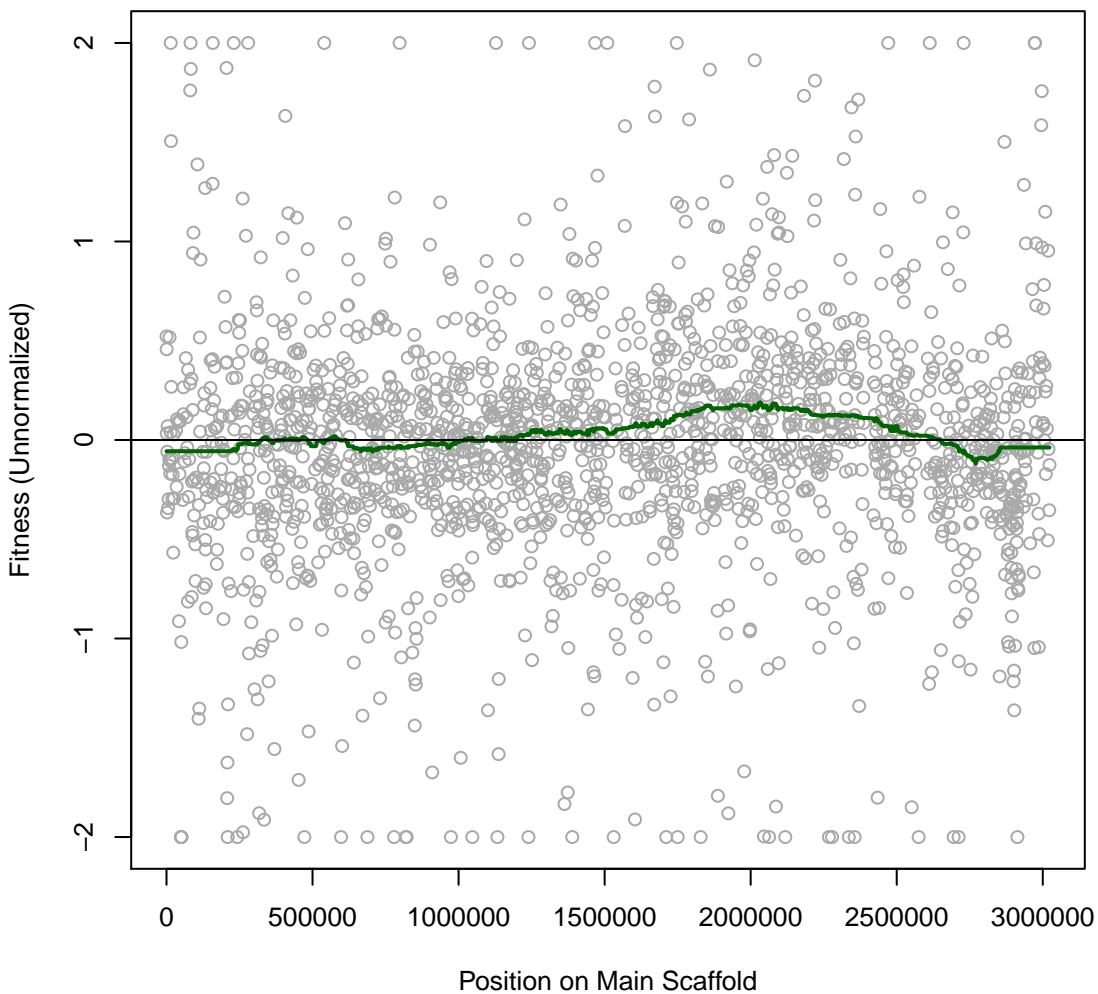


azobra 4IT021 #141 (gMed=246 rho12=0.167)
inner cut, LB soft agar motility assay



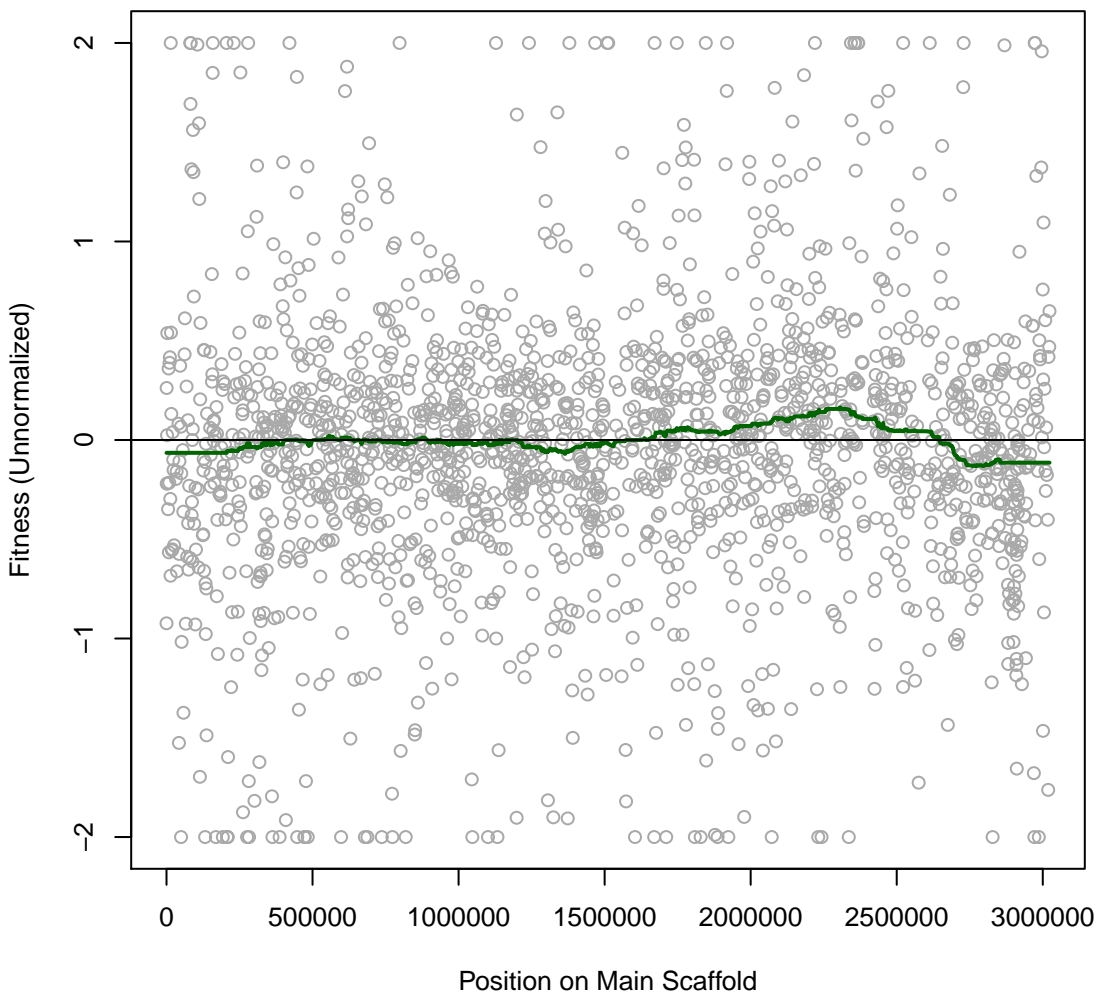
azobra 4IT022 #142 (gMed=236 rho12=0.176)

inner cut, LB soft agar motility assay



azobra 4IT023 #143 (gMed=157 rho12=0.154)

inner cut, LB soft agar motility assay



azobra 4IT024 #144 (gMed=231 rho12=0.157)

inner cut, LB soft agar motility assay

